CONCEPTUAL DEVELOPMENT PLAN/ FINAL DEVELOPMENT PLAN (CDP/FDP) FOR 2550 HUNTINGTON AVE. TM# 83-1 ((1)) 34C MT. VERNON DISTRICT FAIRFAX COUNTY, VIRGINIA

DEVELOPER/APPLICANT

MIDATLANTIC REALTY PARTNERS, LLC

3050 K ST. NW. SUITE 125 WASHINGTON, D.C. 20007 PH. 202-719-9000

CIVIL ENGINEER

URBAN, LTD. 4200 D TECHNOLOGY COURT CHANTILLY, VIRGINIA 20151 PH. 703-642-2306

LSG LANDSCAPE ARCHITECTURE

1919 GALLOWS ROAD SUITE 110

VIENNA, VA 22182

PH. 703-821-2045

ATTORNEY

ARCHITECT - RESIDENTIAL LANDSCAPE ARCHITECT

SK&I 7735 OLD GEORGETOWN RD

SUITE 1000 BETHESDA, MD. 20814 PH. 301-654-9300

TRAFFIC ENGINEER

WELLS & ASSOCIATES

1420 SPRING HILL RD. SUITE 600

MCLEAN, VA. 22102

703-917-6620

ARCHITECT - COMMERCIAL

COOPER CARRY 625 NORTH WASHINGTON ST SUITE 200 ALEXANDRIA, VA 22314 PH. 703-519-6152

WALSH COLUCCI COURTHOUSE PLAZA 2200 CLARENDON BLVD 13TH FLOOR ARLINGTON, VA. 22201 PH. 703-528-4700

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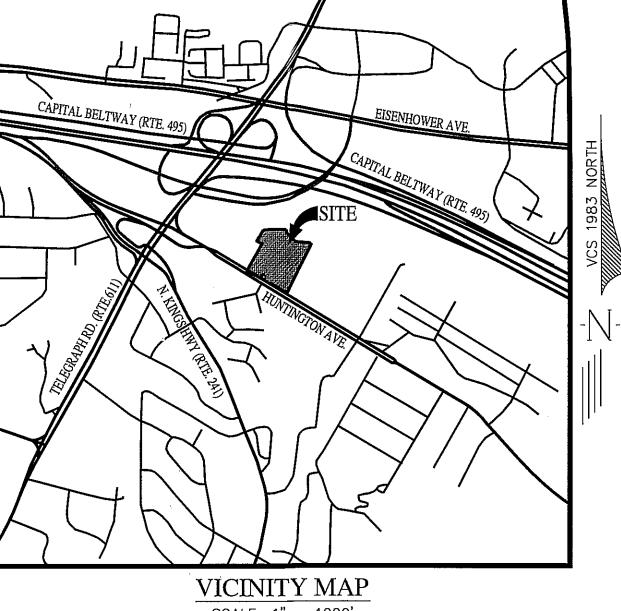
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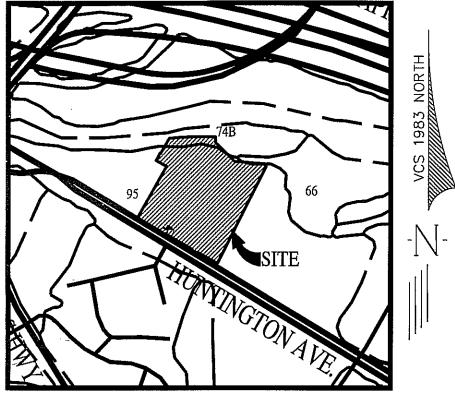
Zoning Evaluation Division

GENERAL NOTES

- 1. THE PROPERTY IS IDENTIFIED AS FAIRFAX COUNTY TAX MAP NUMBER: 83-1-((1))-34C.
- PARCEL 83-1-((1))-34C IS CURRENTLY ZONED I-5. THE SUBJECT PARCEL IS BEING RE-ZONED TO PRM.
- 3. BOUNDARY AND TOPOGRAPHY INFORMATION HEREON IS BASED ON FIELD RUN SURVEY PREPARED BY VIKA. AND IS REFERENCED HORIZONTALLY TO NAD 1983 AND VERTICALLY TO NAVD 1929.
- 4. THE TOPOGRAPHY SHOWN HEREON IS AT A TWO-FOOT CONTOUR INTERVAL, COMPILED BY VIKA.
- 5. THE PROPERTY SHOWN ON THIS CDP/FDP IS LOCATED IN THE MT. VERNON DISTRICT.
- 6. THIS PROPOSED DEVELOPMENT IS IN CONFORMANCE WITH THE COMPREHENSIVE PLAN AND ALL APPLICABLE ORDINANCES, REGULATIONS AND ADOPTED CONDITIONS, EXCEPT AS NOTED HEREIN.
- 7. THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE "AE" & "X" AS SHOWN ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP(FIRM) COMMUNITY PANEL NUMBER 515525 0315 E FOR FAIRFAX COUNTY, VIRGINIA, DATED SEPTEMBER 17, 2010. ZONE "AE" IS IDENTIFIED AS A SPECIAL FLOOD HAZARD ZONE AREA.
- 8. THIS SITE IS SERVED BY PUBLIC SEWER AND WATER.
- 9. NO STORM WATER MANAGEMENT (SWM) AND BEST MANAGEMENT PRACTICES (BMP) WILL BE REQUIRED BASED ON THE ANALYSIS ON SHEET 33. ALL BMPS PROVIDED WITH THIS PLAN ARE IN ADDITION TO THE MINIMUM REQUIREMENTS AND ARE SUBJECT TO CHANGE WITH FINAL SITE PLAN SUBMISSION.
- 10. UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE PROPOSED LOCATION IS SUBJECT TO CHANGE BASED ON FINAL DESIGN AND COORDINATION WITH PUBLIC WORKS.
- 11. INDIVIDUAL UTILITY PLANS AND PROFILES WILL BE SUBMITTED DURING THE SITE PLAN STAGE FOR CONSTRUCTION PURPOSES.
- 12. THERE ARE KNOWN HAZARDOUS OR TOXIC SUBSTANCES ON THIS SITE INCLUDING MINOR SOIL CONTAMINATION PER THE GEOTECHINCAL STUDY. IF ANY SUBSTANCES ARE FOUND, THE METHODS FOR DISPOSAL SHALL ADHERE TO COUNTY, STATE, OR FEDERAL LAW. EXISTING HAZARDOUS OR TOXIC SUBSTANCES ARE LISTED BELOW: - ASBESTOS (WITHIN THE EXISTING BUILDING)
- 13. THERE ARE NO KNOWN BURIAL SITES OR EXISTING GRAVES FOUND ON THIS SITE.
- 14. ALL PUBLIC STREETS SHALL CONFORM TO FAIRFAX COUNTY AND/OR VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) STANDARDS AND SPECIFICATIONS UNLESS MODIFIED AS DESCRIBED IN
- 15. IN ACCORDANCE WITH PARAGRAPH 5 OF SECTION 18-204 OF THE ZONING ORDINANCE, MINOR MODIFICATIONS TO THE SIZE, DIMENSIONS, FOOTPRINTS, AND LOCATION OF BUILDINGS, PARKING SPACES, GARAGES AND SIDEWALKS MAY OCCUR WITH FINAL ENGINEERING AND DESIGN.
- 16. THERE ARE DESIGNATED ENVIRONMENTAL QUALITY CORRIDORS (EQC) ON THE SUBJECT SITE PER THE COUNTY OF FAIRFAX MAPS.
- 17. KNOWN RPA'S AND 100 YR FLOODPLAINS HAVE BEEN DENOTED ON THE PLAN PER FAIRFAX COUNTY PLAN #1302-RPA-001-1.
- 18. THERE ARE NO SCENIC ASSETS OR NATURAL FEATURES ON THE SUBJECT SITE WHICH WOULD DESERVE PROTECTION OR PRESERVATION.
- 19. THE DEVELOPMENT SCHEDULE AND PROPOSED SITE PLAN SUBMISSIONS SHALL BE DETERMINED BY THE APPLICANT BASED UPON MARKET CONDITIONS. THE DEVELOPMENT MAY BE PHASED.
- 20. NOTWITHSTANDING THE IMPROVEMENTS AND TABULATIONS SHOWN ON THIS PLAN, THE APPLICANT RESERVES THE RIGHT TO REASONABLY MODIFY THE FINAL DESIGN CONCEPTS, INCLUDING SIZES AND LOCATIONS OF IMPROVEMENTS, TO CONFORM WITH ARCHITECTURAL AND ENGINEERING TOLERANCES AND TO COMPLY WITH NEW CRITERIA AND REGULATIONS THAT MAY BE ADOPTED BY FAIRFAX, OTHER AGENCIES WHOSE JURISDICTIONAL APPROVAL MAY BE REQUIRED. IN NO EVENT SHALL THE OVERALL GFA BE INCREASED AND SUCH MODIFICATIONS SHALL BE IN SUBSTANTIAL CONFORMANCE WITH THE CDP/FDP. MINOR MODIFICATIONS TO THE SIZE, DIMENSIONS, FOOTPRINTS, AND LOCATION OF BUILDINGS, PARKING SPACES, GARAGES AND SIDEWALKS MAY OCCUR WITH FINAL ENGINEERING AND DESIGN.
- 21. THE COMPREHENSIVE PLAN PROPOSES THE ADDITION OF A BIKE LANE ALONG THE PROPERTY'S FRONTAGE WITH HUNTINGTON AVENUE. THE HUNTINGTON AVENUE BIKE LANE IS NOT BEING CONSTRUCTED WITH THIS APPLICATION BECAUSE ADJACENT CONNECTIONS ARE NOT CURRENTLY AVAILABLE; HOWEVER, ADEQUATE RIGHT OF WAY TO ACCOMMODATE THE TRAIL EXISTS ALONG HUNTINGTON AVENUE. FURTHERMORE, FUNDS TO CONSTRUCT THE TRAIL ALONG THE PROPERTY'S FRONTAGE ARE PROFFERED WITH THIS APPLICATION.
- 22. DIMENSIONS AND SIZES AS SCALED ARE APPROXIMATE AND MAY VARY DEPENDING ON THE FINAL USE AND ARCHITECTURAL/ENGINEERING DESIGN DURING SITE PLANNING. THE FINAL DESIGN SHALL BE IN SUBSTANTIAL CONFORMANCE WITH THE CDP/FDP PLAT.
- 23. A SUBSURFACE INVESTIGATION HAS BEEN PERFORMED. RESULTS WILL BE PROVIDED IN A SEPARATE SUBMISSION.
- 24. NO ATTEMPT HAS BEEN MADE AS A PART OF THIS SURVEY TO OBTAIN OR SHOW DATA CONCERNING EXISTENCE, SIZE DEPTH, CONDITION, CAPACITY OR LOCATION OF ANY UTILITIES OR MUNICIPAL/PUBLIC SERVICE FACILITY. FOR INFORMATION REGARDING THESE UTILITIES OR FACILITIES CONTACT "MISS UTILITY" 1 (800) 257 -7777.
- 25. THE FOLLOWING DESIGN STRATEGIES AND DEVELOPMENT MEASURES WILL PROTECT THE ADJACENT AND NEIGHBORING PROPERTIES FROM ANY ADVERSE EFFECTS PROMPTED BY THE PROPOSED DEVELOPMENT. -THE POST-DEVELOPMENT DRAINAGE DIVIDES MAINTAIN ON-SITE OVERLAND RUNOFF WITHIN THE LIMITS OF THE DEVELOPMENT SITE.
- 26. BUILDINGS WILL BE LOCATED APPROPRIATELY OUTSIDE THE REQUIRED SETBACKS AND BULK PLANE LIMITS.
- 27. THE FOLLOWING ARE THE OWNERS OF THE PARCELS INCLUDED IN THIS ZONING APPLICATION: MAP # 83-1-((1))-34C HUNTINGTON AVENUE ASSOCIATES LLC. 111 ORONOCO ST. ALEXANDRIA, VA. 22314
- 28. THE EXISTING OVERHEAD UTILITIES ALONG EXISTING HUNTINGTON AVENUE FROM PROPOSED ROBINSON WAY TO EXISTING METROVIEW PARKWAY SHALL BE UNDERGROUNDED.
- 29. THERE IS AN EXISTING VARIABLE WIDTH VEPCO EASEMENT IN EXCESS OF 25' ONSITE.
- 30. THE INTERNAL DIMENSIONS OF THE BUILDING AND INTERNAL COURTYARDS ARE PRELIMINARY AND SUBJECT TO CHANGE WITH FINAL ARCHITECTURAL DESIGN.
- 31. THE APPLICANT REQUESTS A WAIVER TO SECTION 13-303 AND 13-304 OF THE ZONING ORDINANCE, WHICH PERTAINS TO THE TRANSITIONAL SCREENING AND BARRIER REQUIREMENTS,
- 32. SHOULD ANY DISCREPANCY APPEAR IN THE PLAN REGARDING: BUILDING TABULATIONS: DEFER TO SHEET 03. PLAN LOCATIONS: DEFER TO SHEET 16. LANDSCAPING LOCATIONS: DEFER TO SHEET 29.



SCALE: 1" = 1000'



SOILS MAP SCALE: 1" - 500

	2	SCALE: I = 5	000		
SOIL ID NUMBERS	SOIL SERIES NAME	FOUNDATION SUPPORT	SOIL DRAINAGE	EROSION POTENTIAL	PROBLEM CLASS
66	KINGSTOWNE SANDY CLAY LOAM	FAIR-C,B	FAIR-S	MEDIUM	IVB
74B	LUNT-MARUMSCO COMPLEX	POOR-U,P,C,B	POOR-P,S,C	MEDIUM	III
95	URBAN LAND	N/A	N/A	N/A	IVB

MINIMUM STORMWATER INFORMATION FOR REZONING, SPECIAL EXCEPTION, SPECIAL PERMIT AND DEVELOPMENT PLAN APPLICATIONS

Application No RZ/FDP 2011-MV-031 Staff Mayland

FDP Dev Conds dated 9-6-2012 PC Date 9-20-2012

Approved Development Plan

Date of (BZA) (BOS) (PC) 11-20-2012

See PROFFERS dated 10-4-2012

The following information is required to be shown or provided in all zoning applications, or a waiver request of the submission requirement with justification shall be attached. Note: Waivers will be acted upon separately. Failure to adequately address the required submission information may result in a delay in processing this

This information is required under the following Zoning Ordinance paragraphs: Special Permits (8-011 2J & 2L) Special Exceptions (9-011 2J & 2L) Cluster Subdivision (9-615 1G & 1N) Commercial Revitalization Districts (9-622 2A (12) & (14)) Development Plans PRC District (16-302 3 & 4L) PRC Plan (16-303 1E & 10) FDP P Districts (except PRC) (16-502 1F & 1Q) Amendments (18-202 10F & 10I)

- 1. Plat is at a minimum scale of 1"=50' (unless it is depicted on one sheet with a minimum scale of 1"=100').
- 2. A graphic depicting the stormwater management facility(ies) and limits of clearing and grading accommodate the stormwater management facility(ies), storm drainage pipe systems and outlet protection, pond spillways, access roads, site outfalls, energy dissipation devices, and stream stabilization measures as shown on Sheet ## &.16

systems and outlet protect	.tion, pond spinways, a	access loads, she outlaits, ci	iergy dissipation devices,	and Sticatil graphization i	leasures as shown on Sheet	<u>##.02</u> .10
3. Provide: Facility Name/ Type & No. N/A SEE #12 BELOW	On-site area served (acres)	Off-site area served (acres)	Drainage area (acres)	Footprint area (sf)	Storage Volume (cf)	If pond, dam height (ft)
(e.g. dry pond A, inflt, trench, underground	nd vault, etc.)					
	10-11-11					
Totals						
4. Onsite drainage chann Pond inlet and oulet pipe		ystems are shown on Sheet Sheet	.			
	•	nagement facility(ies) are sl on the plat is(, etc.).		
6. Landscaping and tree	preservation shown in	and near the stormwater ma	nagement facility is show	n on Sheet		

- 7. A 'stormwater management narrative' which contains a description of how detention and best management practices requirements will be met is provided on Sheet _____.
- 8. A description of the existing conditions of each numbered site outfall extended downstream from the site to a point which is at least 100 times the site area or which has a drainage area of at least one square mile (640 acres) is provided on Sheet _____.
- 9. A description of how the outfall requirements, including contributing drainage areas of the Public Facilities Manual will be satisfied is provided on Sheet _____.
- 10. Existing topography with maximum contour intervals of two (2) feet and a note as to whether it is an air survey or field run is provided on Sheets ______. 11. A submission waiver is requested for ______.
- 12. Stormwater management is not required because <u>THE PROPOSED DEVELOPMENT IS REDU</u>CING THE SITE IMPERVIOUS AREA BY 9.45%, HENCE NO SWM IS REQUIRED

	<u>LEG</u> 1	END:
	EXISTING WATER LINE	
W	PROPOSED WATER LINE	_
<u>F</u> I-O	EX. FIRE HYDRANT	2
	PROP. FIRE HYDRANT	+
WM O	EXISTING WATER METER	<u>CG-6</u>
WM 👄	PROPOSED WATER METER	
	EXISTING WATER VALVE	
WV	PROPOSED WATER VALVE	
======	EXISTING STORM DRAIN	
	PROPOSED STORM DRAIN	
	EXISTING SANITARY SEWER	
	PROPOSED SANITARY SEWER	
G	EXISTING GAS LINE	
	PROPOSED GAS LINE	
	EXISTING GAS VALVE	_
<u> </u>	PROPOSED GAS VALVE	
— VV —	EXISTING OVERHEAD WIRE	1
17	EXISTING LIGHTING	<u>₹??</u>
Þ	PROPOSED LIGHTING	<u></u>
xxx	EXISTING FENCE PROPOSED FENCE	
	EXISTING TREE LINE	
08		
	EXISTING CONTOURS	-
10	PROPOSED CONTOURS	
	PROPOSED PHASE LINE	c
	PROPOSED LIMITS OF CLEARING & GRADING	S,
(\cdot,\cdot)	EXISTING WETLANDS	

PROP. RET. WALL

EX. RET. WALL

ROAD SIGN EX. POWER POLE EXISTING SPOT ELEVATION PROP. SPOT ELEVATION CG-6R SPILL AND TRANSITION

CURB AND GUTTER PROPOSED CURB MAIN BUILDING ENTRANCE EX. STREET LIGHTS PROP. STREET LIGHTS PROPOSED CG-12

EXISTING TREE PROPOSED TREE WATER FITTING IDENTIFIER LOADING AREA BENCHMARK TEST PIT REQUIRED

OVERLAND RELIEF PROPOSED EXISTING

SQUARE FEET GSF GROSS SQUARE FEET NET SQUARE FEET T.B.R. TO BE REMOVED

FINISHED FLOOR VISITOR PARKING SPACE C, HC STANDARD, COMPACT, AND HANDICAP PARKING SPACE DESIGNATOR

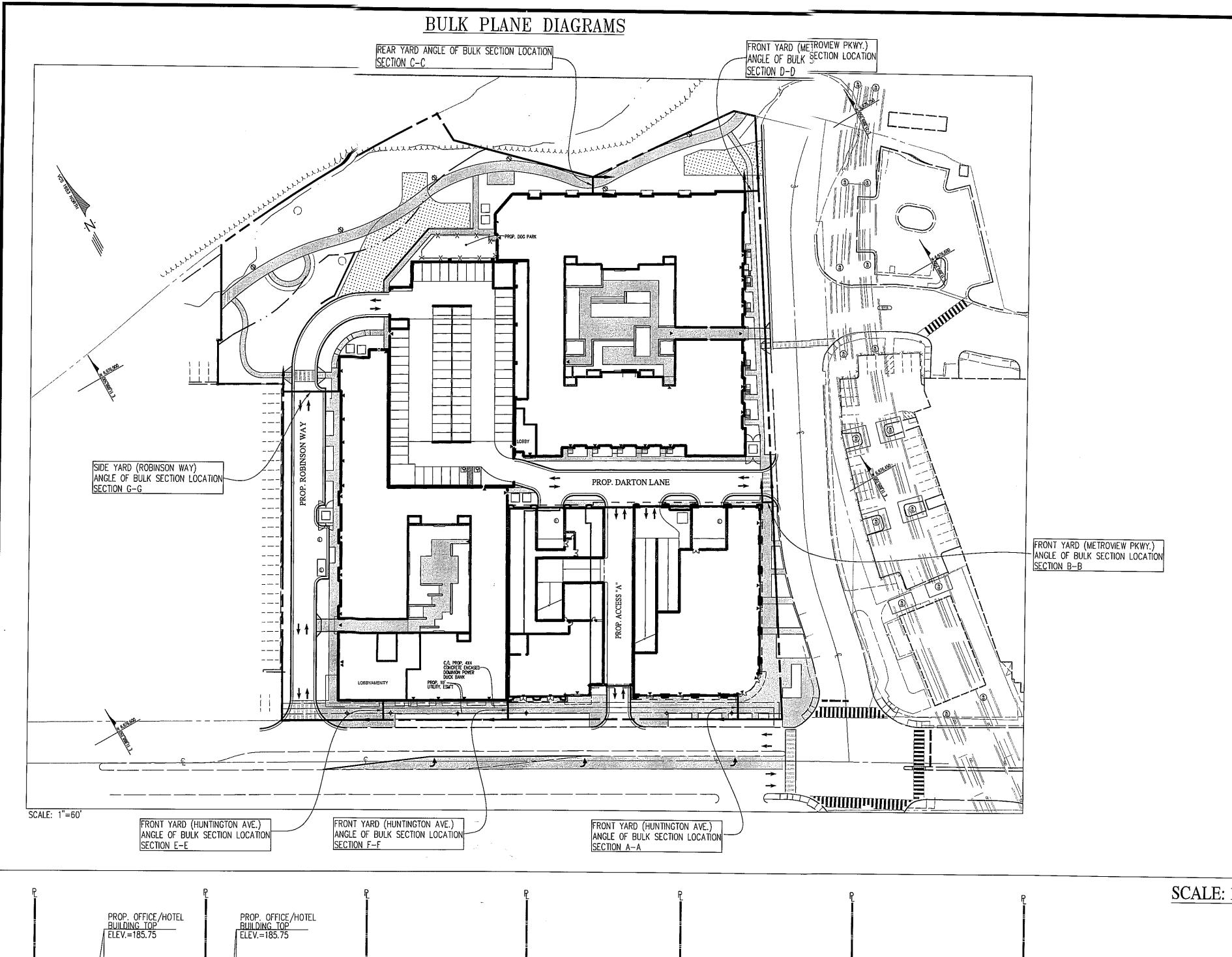
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JNTINGTON CDP/FDP NT VERNON DISTRIC AX COUNTY, VIRGIN

HIU

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工%



SITE TABULATIONS:

EXI: EXISTING SITE AREA	<u>PARCEL</u> <u>AREA</u> 34C 263,085 SF or 6.039 AC.
PRISTING ZONING	1–5
OPOSED ZONING	PRM
ISTING USE	INDUSTRIAL/STORAGE/OFFICE/SURFACE PARKING
PROPOSED USE	MULTI-FAMILY RESIDENTIAL/OFFICE/HOTEL/STRUCTURED PARKING

ZONING TABULATIONS:

		RESIDENTIA	AL/HOTEL&OFFICE***	
	ALLOWABLE/MINIMUM	PROPOSED-RESIDENTIAL	PROPOSED-HOTEL/OFFICE (W/ RETAIL)	
PROPOSED BUILDING SQUARE FOOTAGE	N/A	370,000 GSF MAX	OFFICE= 254,000 GSF HOTEL= 110,000 GSF RETAIL= 6,000 GSF TOTAL= 370,000 GSF*** MAX	
PRM — MINIMUM DISTRICT SIZE	2 ACRES	6.03937 ACRES		
PRM – FLOOR AREA RATIO (FAR)	3.0	2.81 (740,000/263,085) MAX 26.91%+/- (70,787.28 S.F.)** RECREATIONAL - 4.27%+/- (11,241.87 S.F.)		
PRM - LANDSCAPE OPEN SPACE	20% (52,617 S.F.)			

ZONING REQUIREMENTS - C-4 DISTRIC	CT*		
MINIMUM LOT AREA	N/A	N/A	N/A
MINIMUM LOT WIDTH	N/A	N/A	N/A
BUILDING HEIGHT	N/A	75' (5 STORIES) MAX W/ LOFT	165' (15 STORIES) MAX OFFICE
NUMBER OF UNITS	N/A	390 MAX	120' (11 STORIES) MAX HOTEL 200 (HOTEL KEYS) MAX
DENSITY (DU/AC.)	N/A	64.58 (390/6.039) MAX	N/A
YARD REQUIREMENTS			
FRONT YARD	40' (25' ANGLE OF BULK)	12.54'+/- METROVIEW PKWY 18.17'+/- HUNTINGTON AVE. (RESIDENTIAL)	9.82'+/- METROVIEW PKWY 22.27'+/- HUNTINGTON AVE. (OFFICE) 18.67' +/- HUNTINGTON AVE. (HOTEL)
SIDE YARD	N/A	53.30' (WESTERN P/L)	11/4

* PER SECTION 16-102.1 OF THE ZONING ORDINANCE, THE ALLOWABLE/MINIMUM STANDARDS OF C-4 HAVE BEEN USED FOR SUGGESTED ZONING TABULATIONS AS APPLICABLE.

** ONLY 50% OF OPEN SPACE WITHIN MAJOR UTILITY EASEMENT HAS BEEN COUNTED PER SECTION 2-309.5 OF THE ZONING ORDINANCE. *** UP TO 6,000 S.F. WILL BE RETAIL. FOR FURTHER DETAILS REFER TO THE PROFFERED CONDITIONS.

PARKING TABULATIONS:

REQUIRED PARKING:

25' (20' ANGLE OF BULK)

Application No RZ/FDP 2011-MV-031 Staff Mayland Approved Development Plan
(CDP) (FDP)

See PROFFERS dated 10-4-2012
Date of (BZA) (BOS) (PC) 11-20-2012 RESIDENTIAL USE:

1.6 SPACE / UNIT
(1.6 SPACE / UNIT) X (390 UNITS)
= 624 SPACES Sheet <u>3</u> of <u>39</u>

FDP Dev Conds dated <u>9-6-2012</u> PC Date <u>9-20-2012</u> OFFICE USE:

2.6 SPACE / 1000 SF
(2.6 SPACE / 1000 SF) X (254,000 SF) Ad Common Briting = 661 SPACÉS

HOTEL USE:

1 SPACE / ROOM + 4 SPACES/50 UNITS
(1 SPACE / ROOM) X (200 UNITS) + 4 SPACES/50 UNITS X (200 UNITS) RETAIL: (PARKED IN THE OFFICE BUILDING GARAGE)

1 SPACE / 200 SF (UP TO 1,000 SF);
6 SPACE / 1,000 SF (AFTER FIRST 1,000 SF)
(1 SPACE / 200 SF) X (1,000 SF) +
(6 SPACE / 1,000 SF) X (5,000 SF)

= 35 SPACES

15.59'+/-

TOTAL REQUIRED PARKING:

PROVIDED PARKING: *** RESIDENTIAL GARAGE PARKING PROVIDED OFFICE/RETAIL GARAGE PARKING PROVIDED

= 507 SPACES (1.3 SPACES/UNIT) = 696 SPACES [(2.6 SPACES/1000 SF) + (3 SPACES/200 SF FOR FIRST 1000 SF + 6 SPACES/1000 SF AFTER 1000 SF)] HOTEL GARAGE PARKING PROVIDED = 250 SPACES (1.25 SPACES/UNIT) TOTAL PARKING PROVIDED = 1,453 SPACES*

REQUIRED LOADING:

PROVIDED LOADING:

+ 1 SPACE/100,000 S.F. 1 SPACE + 345,000 SF X 1 SPACE/100,000 S.F

= 1,536 SPACES***

= 5 SPACES HOTEL USE: (STANDARD F)

1 SPACE FOR FIRST 10,000 S.F.
+ 1 SPACE/100,000 S.F. 1 SPACE + (100,000 SF X 1 SPACE/100,000 S.F.) = 2 SPACES

OFFICE USE: (STANDARD C)

1 SPACE FOR FIRST 10,000 S.F. + 1 SPACE/100,000 S.F. 1 SPACE + (250,000 SF X 1 SPACE/20,000 S.F.) = 14 SPACES = 12 SPACES (PER ZONING ORDINANCE SECT. 11-202.15) TOTAL REQUIRED LOADING:

= 4 SPACES** (2 LOADING SPACES FOR RESIDENTIAL USE -1 LOADING SPACES FOR THE HOTEL USE -1 LOADING SPACES FOR THE OFFICE USE)

* PARKING MODIFICATION IS REQUESTED FOR REDUCTION IN PARKING BASED ON SECTION 11-102.5 OF THE ZONING ORDINANCE. RETAIL PARKING IS INCORPORATED INTO OFFICE GARAGE. ** LOADING SPACE MODIFICATION IS REQUESTED FOR REDUCTION IN LOADING SPACES REQUIRED IN SECTION 11-202.3 OF THE

ZONING ORDINANCE. PARKING SHALL BE PROVIDED AS REQUIRED BY THE ORDINANCE OR AS REDUCED BY THE B.O.S. WITH THE APPROVAL OF THIS PLAN. THE PARKING PROVIDED MAY BE REDUCED BASED ON THE ACTUAL NUMBER OF UNITS PROPOSED AND/OR GSF BUILT. THE PARKING PROVIDED WILL BE BASED ON THE PARKING RATIO IDENTIFIED UNDER THE "PROVIDED PARKING" TABULATION SHOWN ON THIS SHEET.

ZONING TABS AND BULK PLANE ANAYLSIS
2550 HUNTINGTON AVE.
CDP/FDP
MOUNT VERNON DISTRICT
FAIRFAX COUNTY, VIRGINIA

03 OF

FILE No. RZ-12622

PROP. OFFICE/HOTEL BUILDING TOP ELEV.=185.75 PROP. OFFICE/HOTEL BUILDING TOP ELEV.=185.75			SCALE: 1"=20'
3.29		PROP. HOTEL BUILDING TOP ELEV.=140.75	
LHS	PROP. RESIDENTIAL BUILDING TOP ELEV.=93.70 PROP. RESIDENTIAL BUILDING TOP 9.38* ELEV.=93.70 11.59*	PROP. RESIDENTIAL BUILDING TOP ELEV.=93.70 BUILDING TOP ELEV.=93.70	PROP. RESIDENTIAL BUILDING TOP ELEV.=93.70
FACE OF GARAGE	上 5日 12.54	18.17 18.67 PROP. RESIDENTIAL	53.30
PROP. OFFICE/HOTEL BUILDING FF=20.75 SECTION A-A PROP. OFFICE/HOTEL BUILDING FF=20.75 SECTION B-B	PROP. RESIDENTIAL BUILDING GRADE FF=18.70 SECTION C-C PROP. RESIDENTIAL BUILDING GRADE FF=18.70 SECTION D-D	PROP. RESIDENTIAL BUILDING FF=18.70 SECTION E-E PROP. RESIDENTIAL BUILDING FF=20.75 SECTION F-F	PROP- BUILDING FF=18.70 SECTION G-G

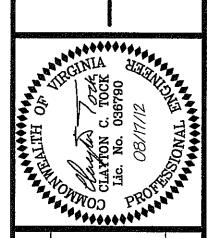


VIEW FROM CORNER OF METROVIEW PARKWAY AND HUNTINGTON AVENUE



VIEW FROM HUNTINGTON AVENUE

SEE SHEET 07 FOR RESIDENTIAL **BUILDING ELEVATIONS AND** RESIDENTIAL BUILDING MATERIALS



SYNTHETIC STUCCO

FILE No. RZ-12622

MASONRY

PRECAST

GLASS

VIEW FROM INTERSECTION OF METROVIEW PARKWAY AND DARTON LANE



SEE SHEET 07 FOR RESIDENTIAL

BUILDING ELEVATIONS AND

RESIDENTIAL BUILDING MATERIALS

Application No RZ/FDP 2011-MV-031 Staff Mayland
Approved Development Plan

(CDP) (FDP)

See PROFFERS dated 10-4-2012
Date of (BZA) (BOS) (PC) 11-20-2012
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PRECAST

SYNTHETIC STUCCO

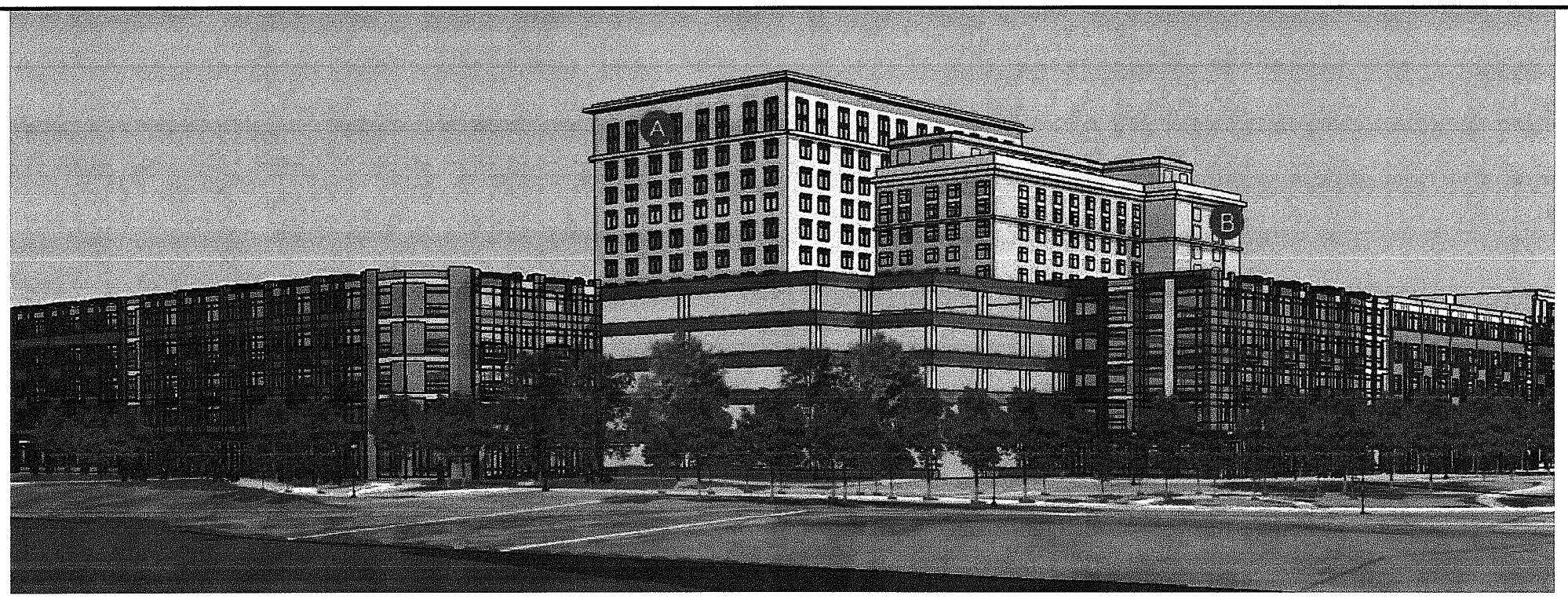
(MASONRY

(C) GLASS

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RZ-12622



VIEW FROM CAMERON RUN

SEE SHEET 07 FOR RESIDENTIAL **BUILDING ELEVATIONS AND** RESIDENTIAL BUILDING MATERIALS

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(CDP) (FDP)

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Date of (BZA) (BOS) (PC) 11-20-2012

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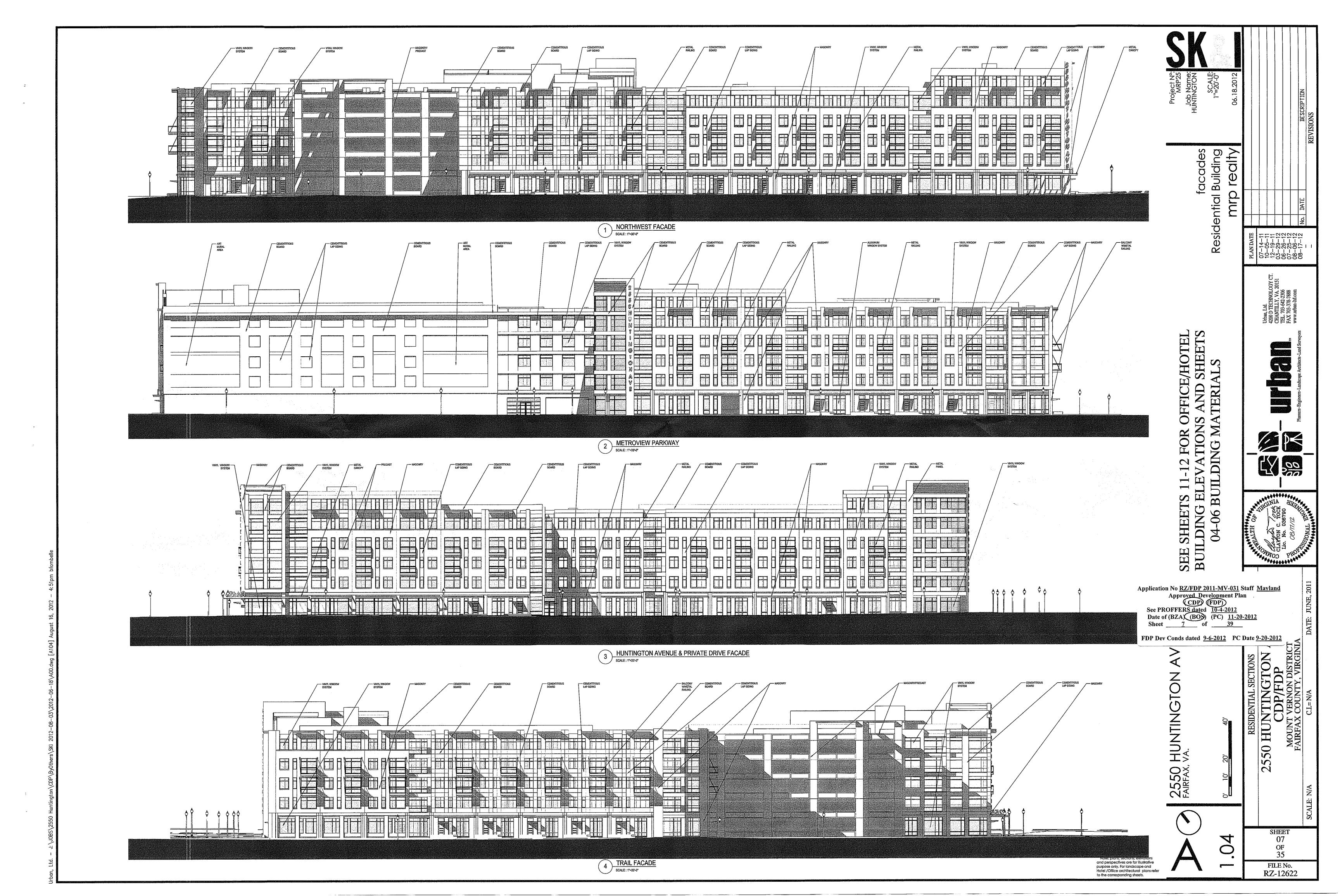
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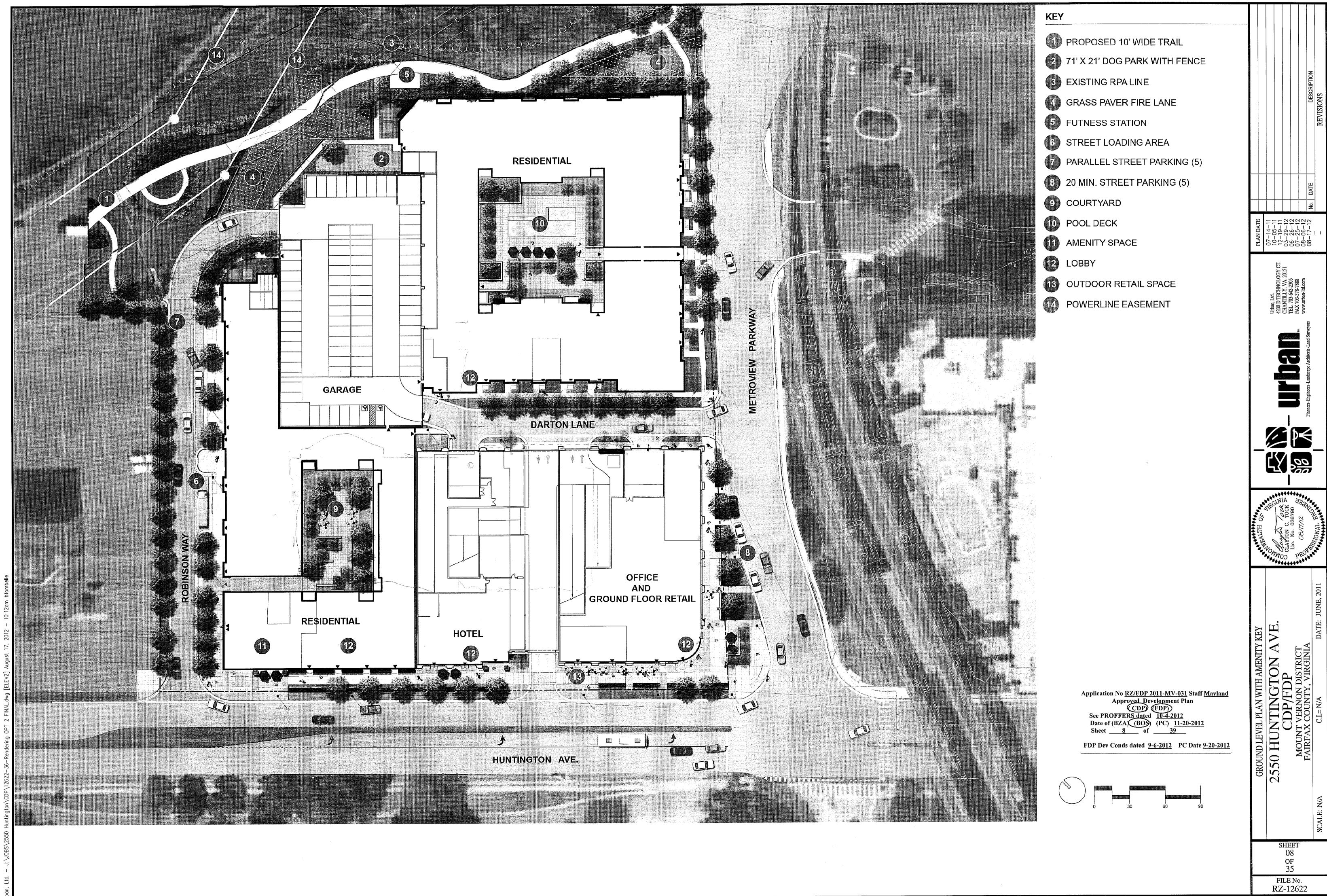
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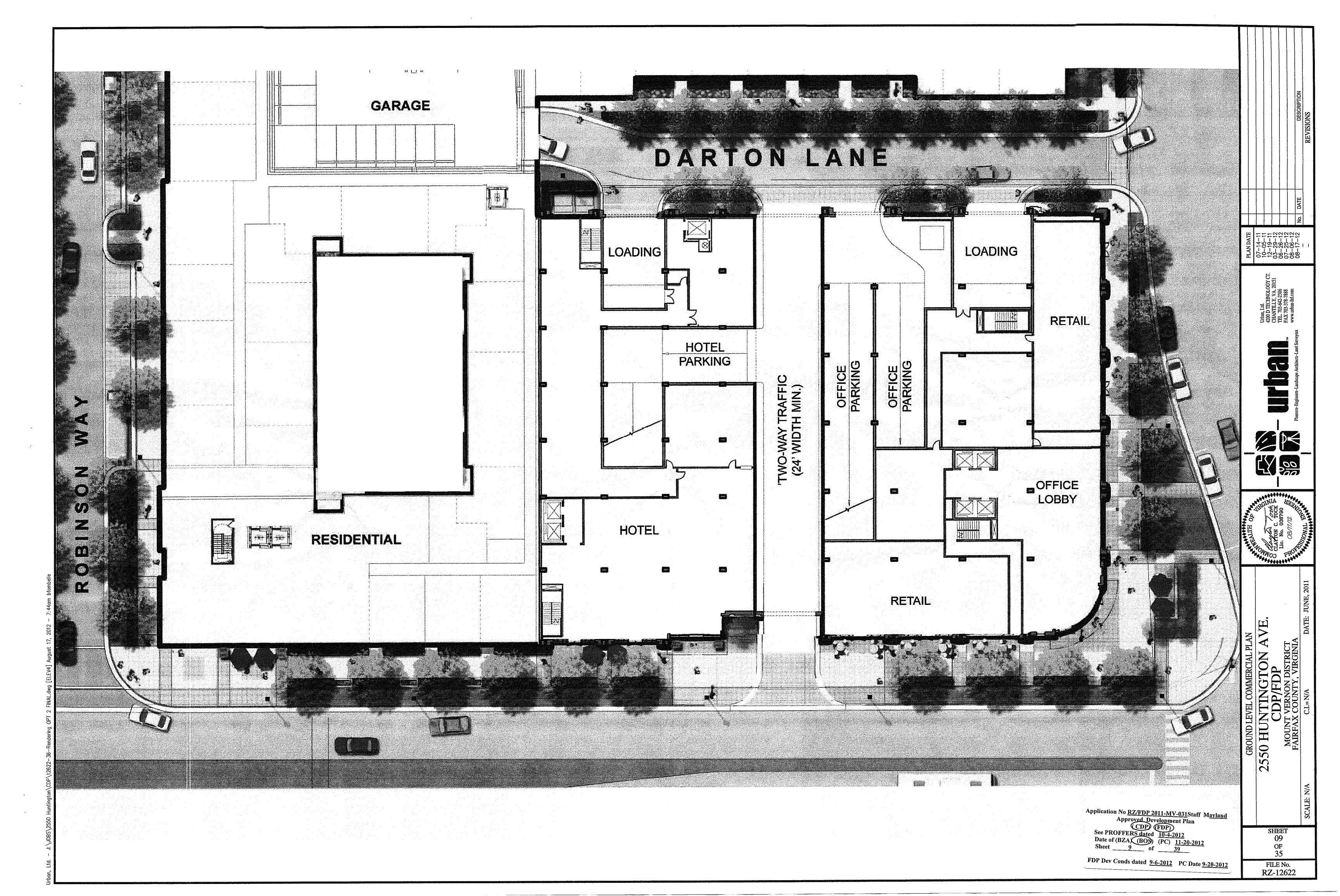
SYNTHETIC STUCCO

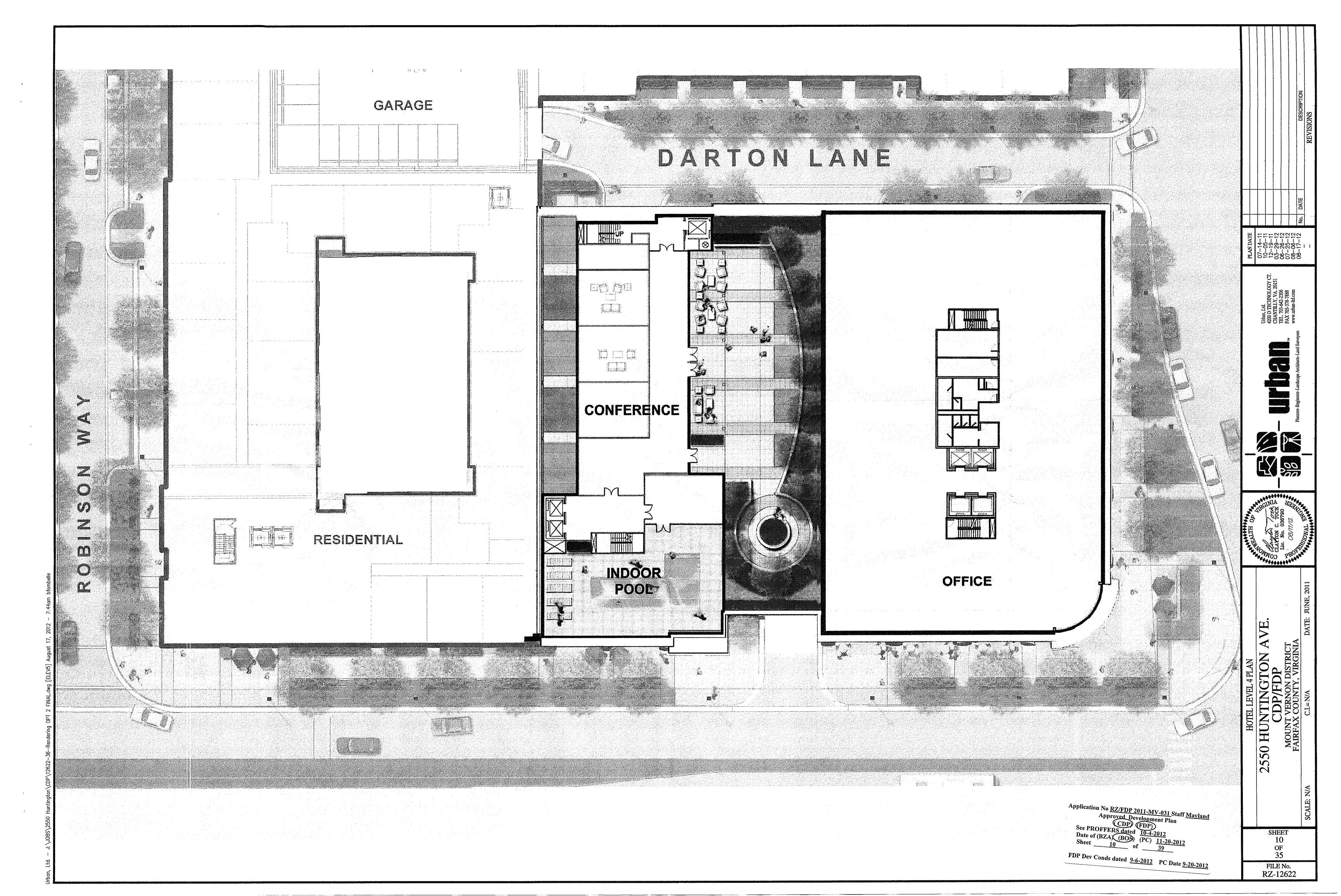
MASONRY

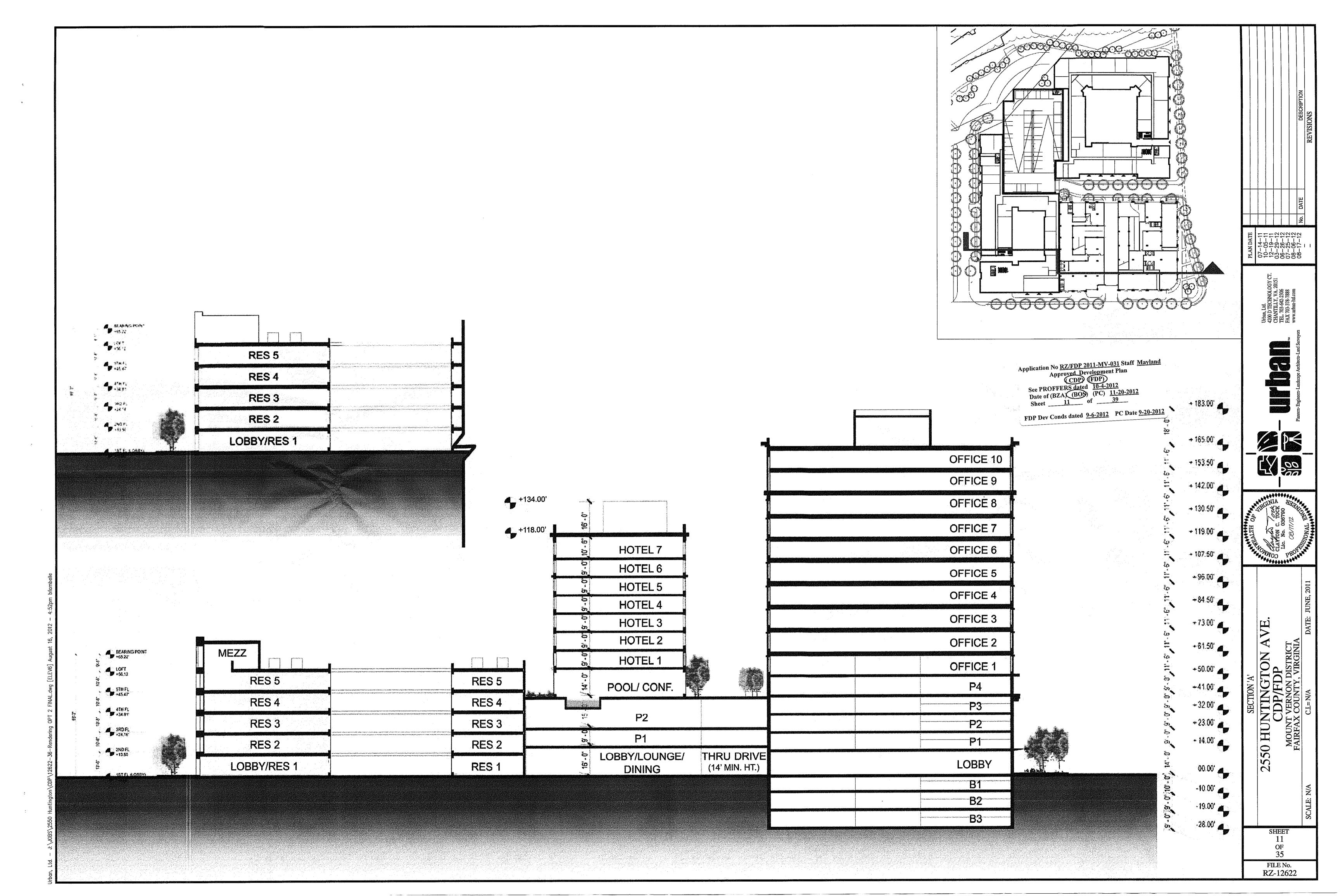
FDP Dev Conds dated <u>9-6-2012</u> PC Date <u>9-20-2012</u> PRECAST GLASS

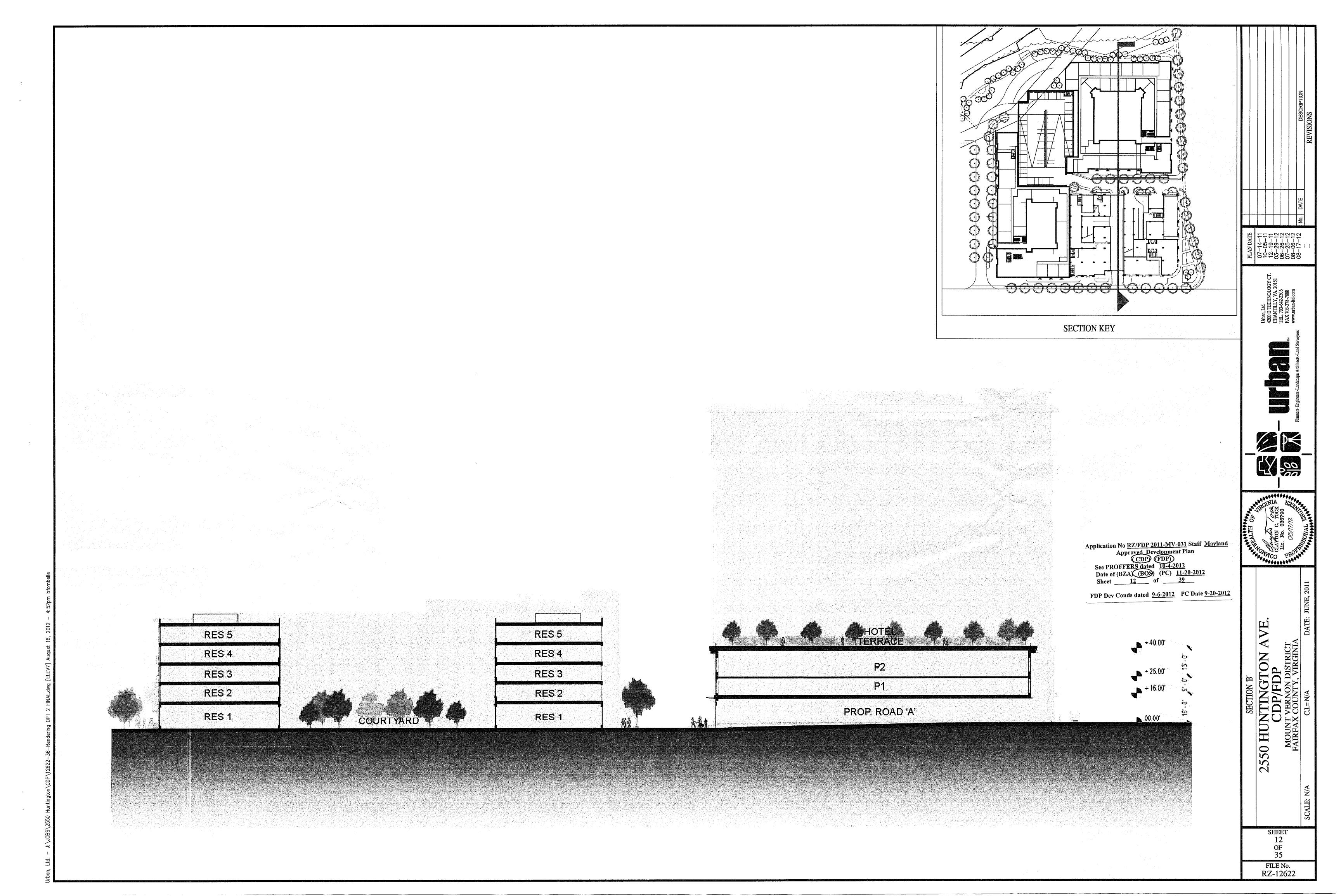


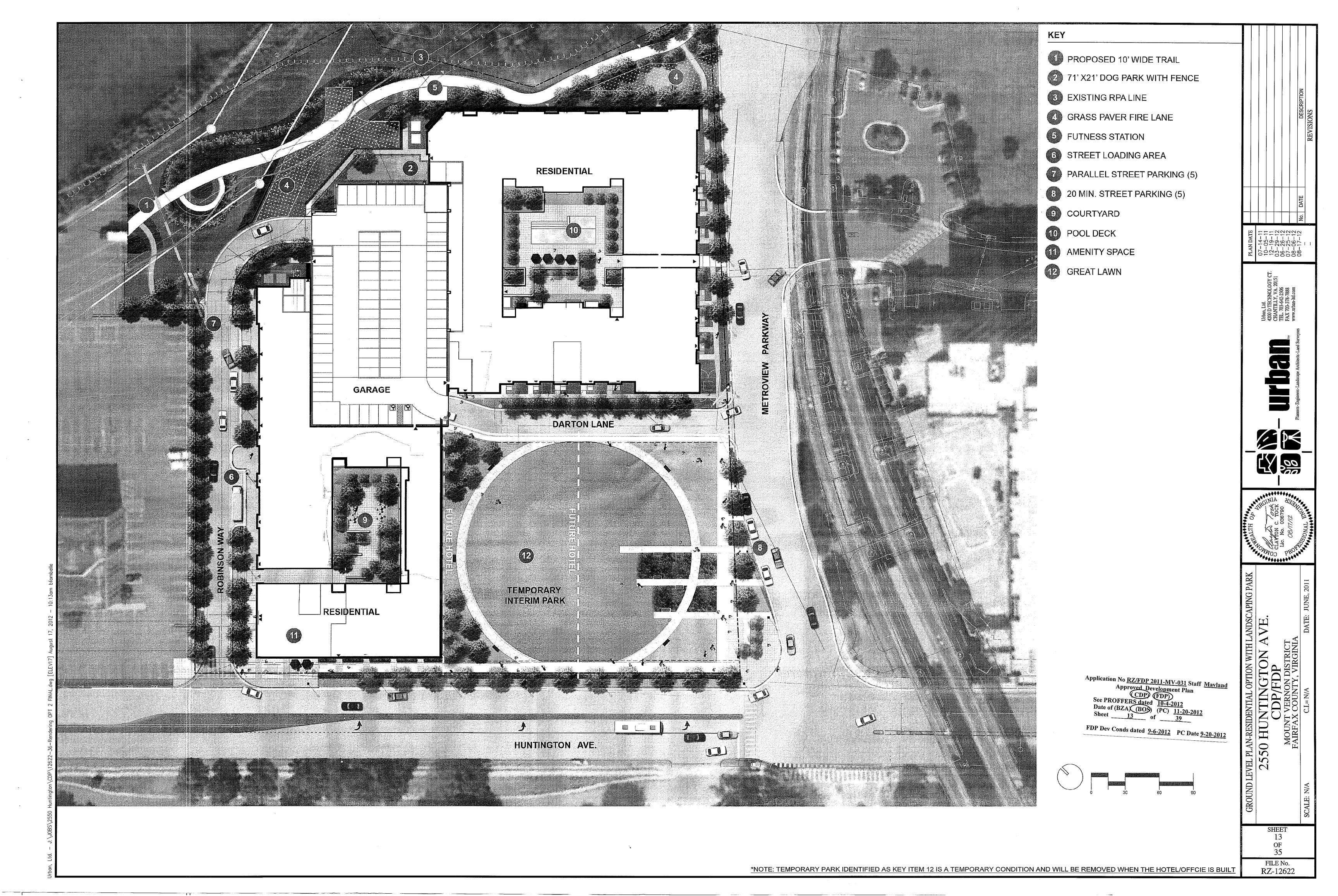


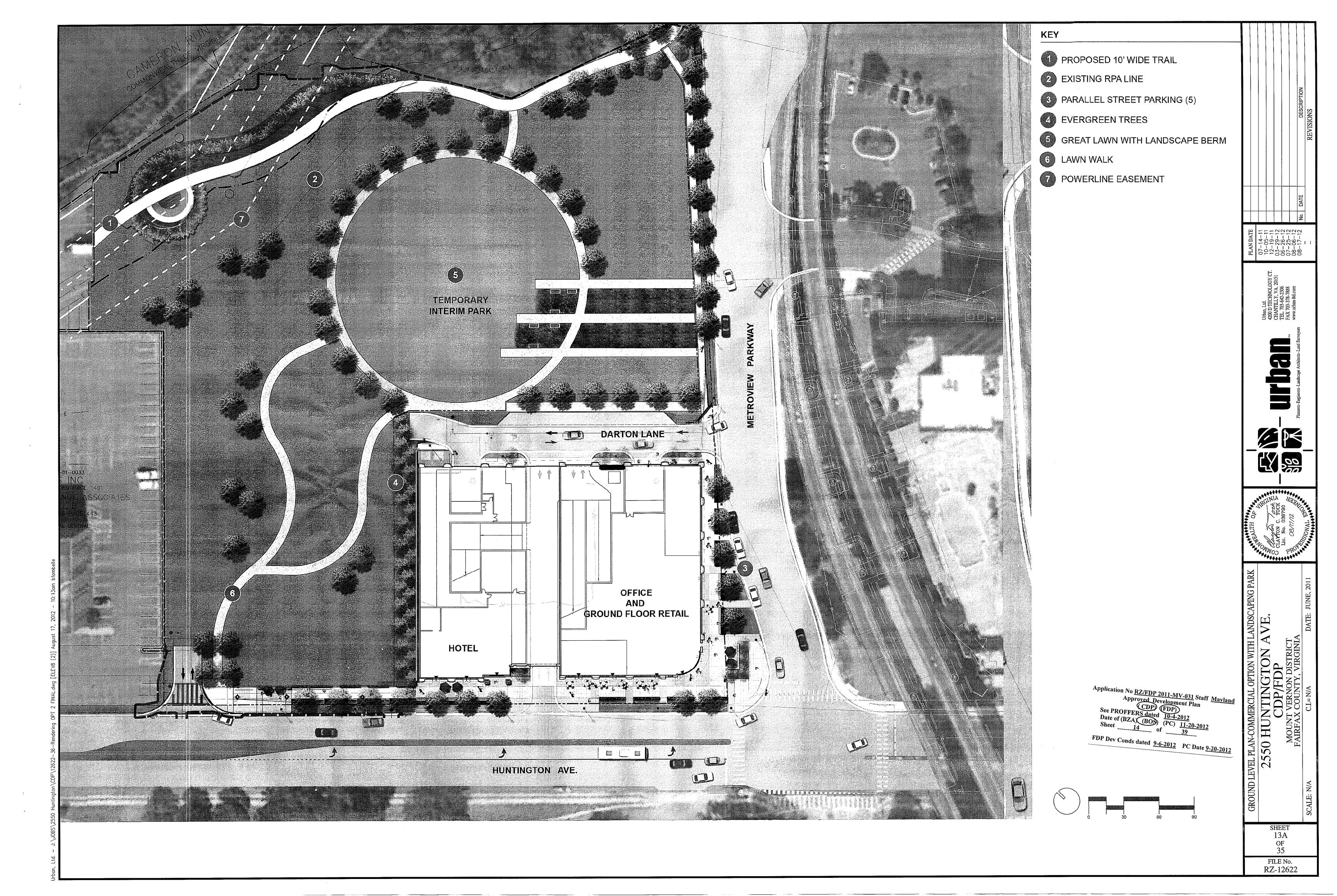


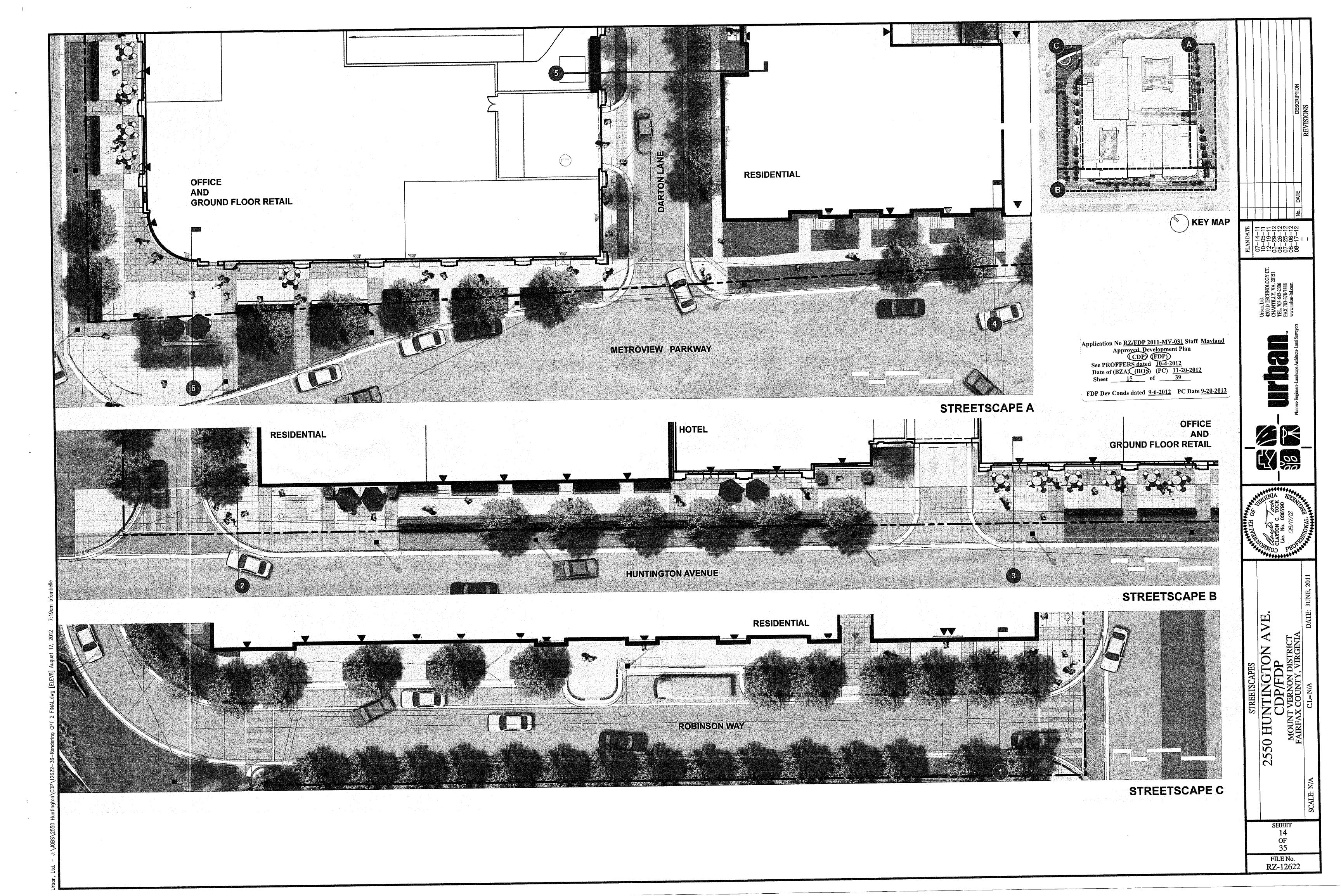


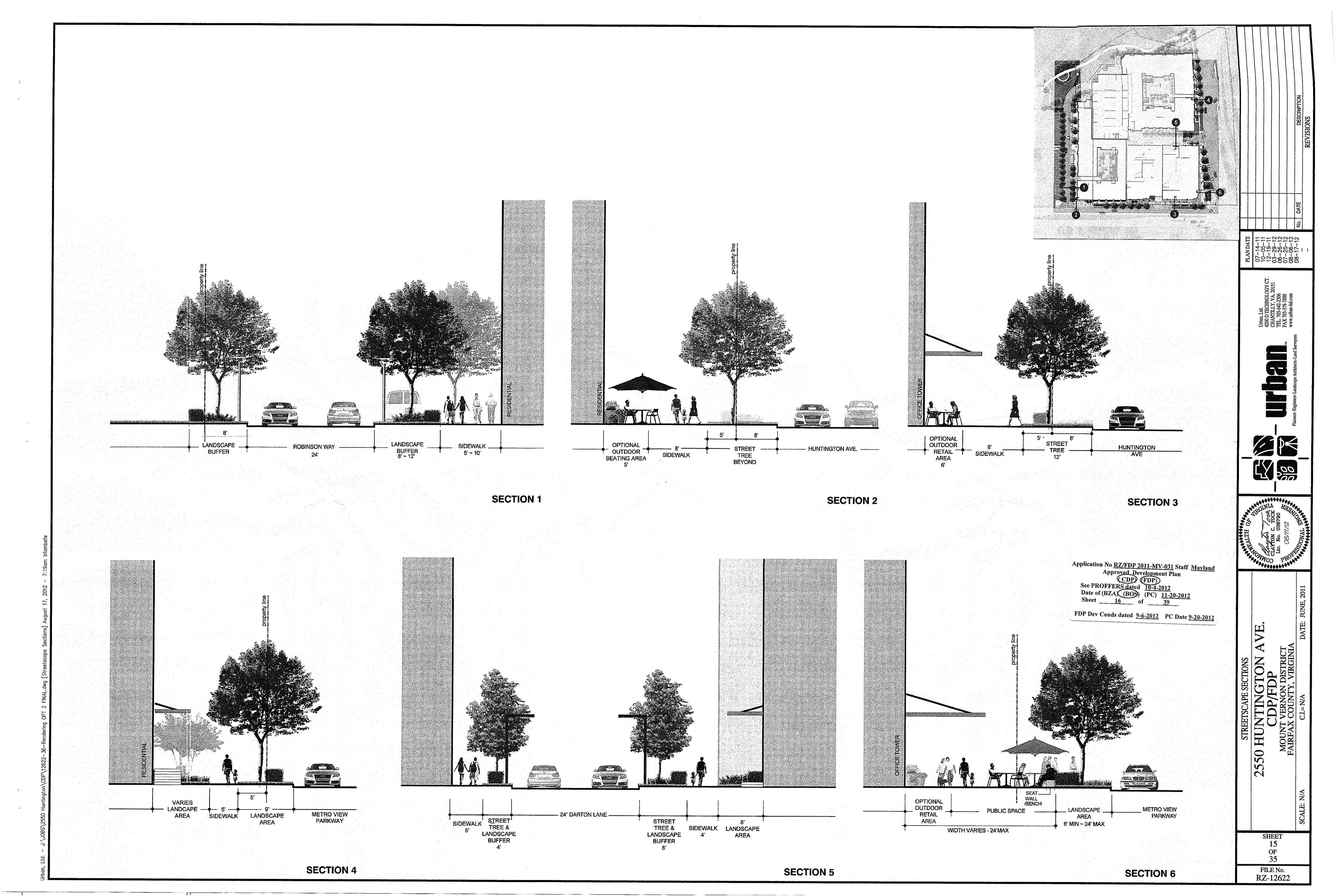


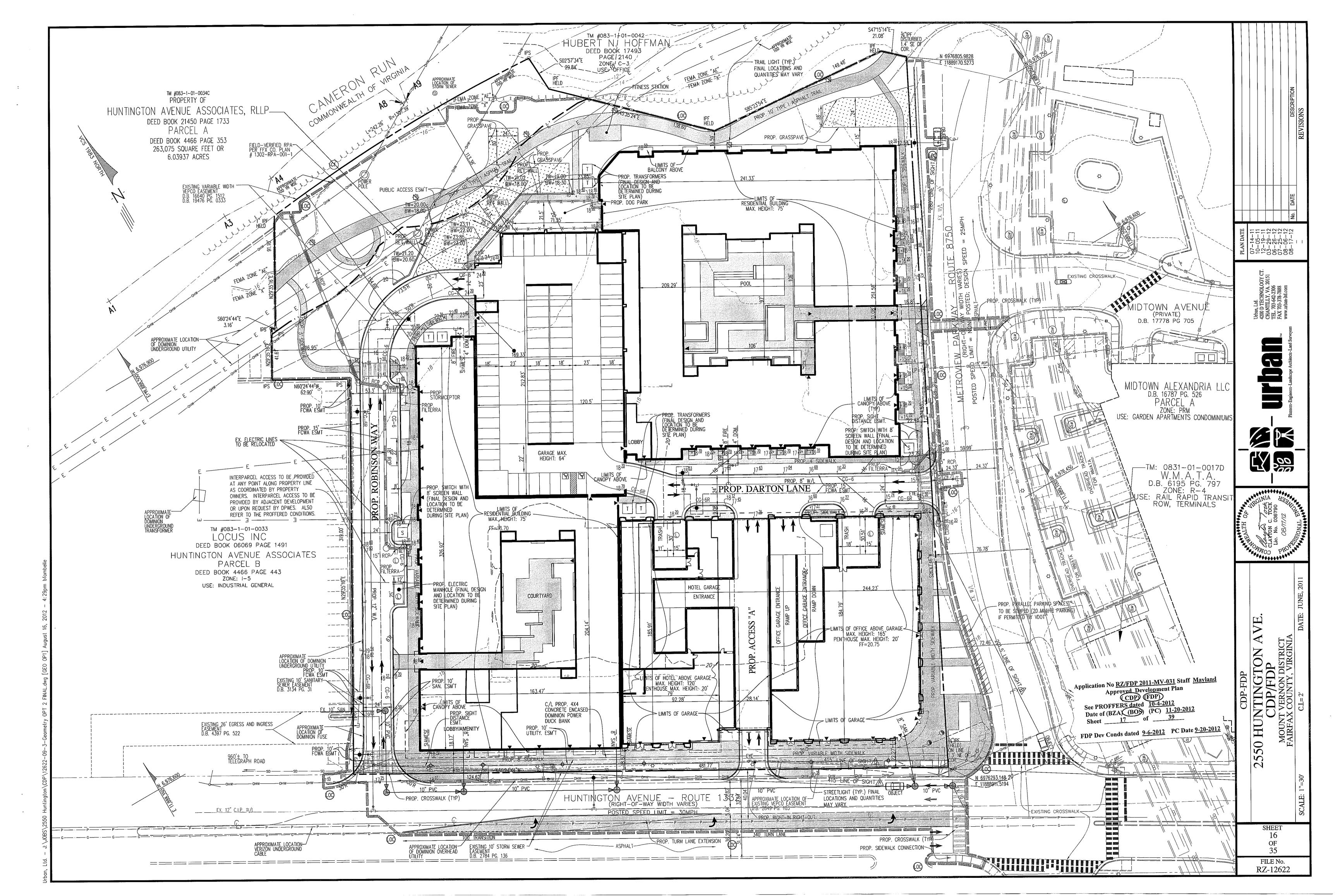


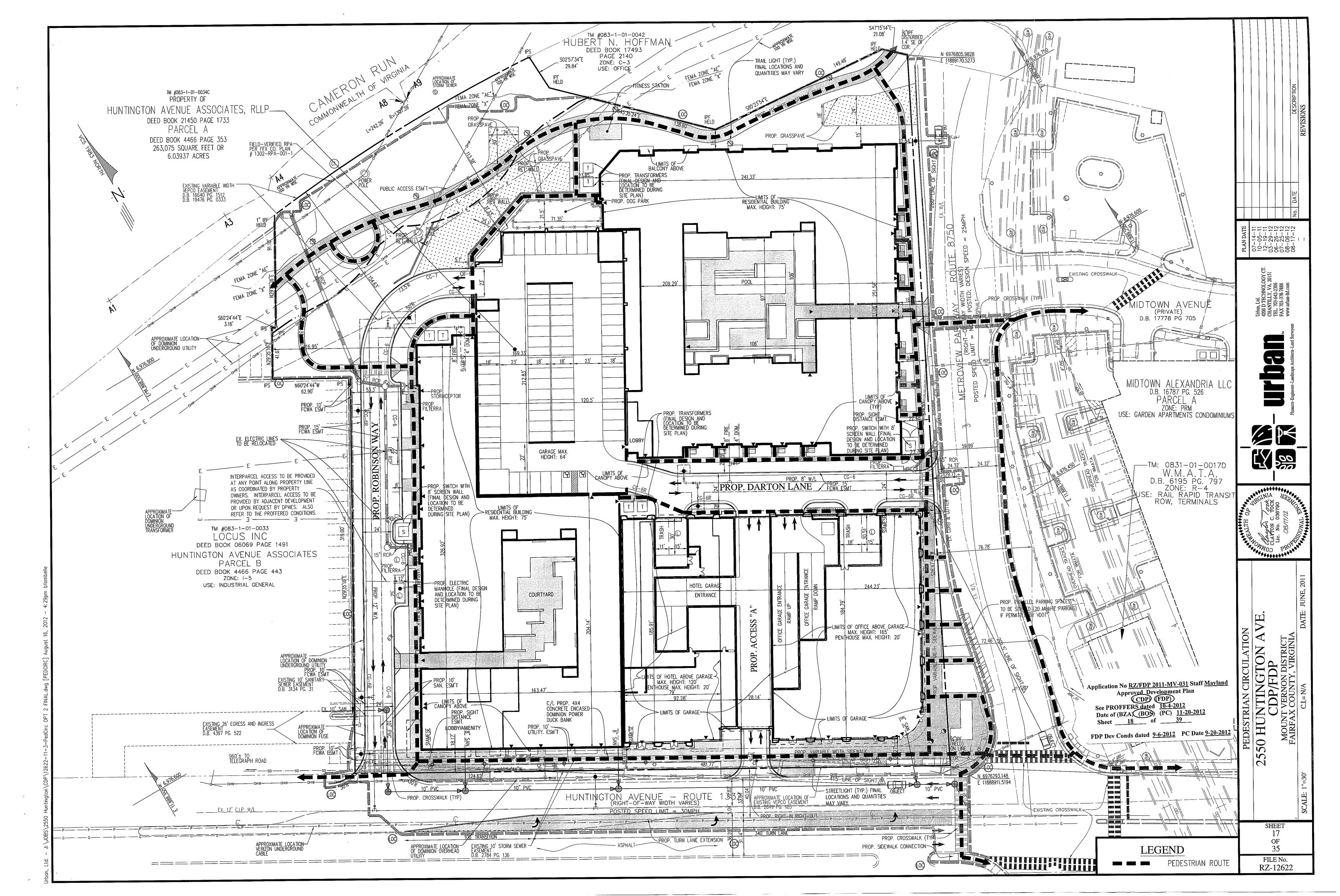


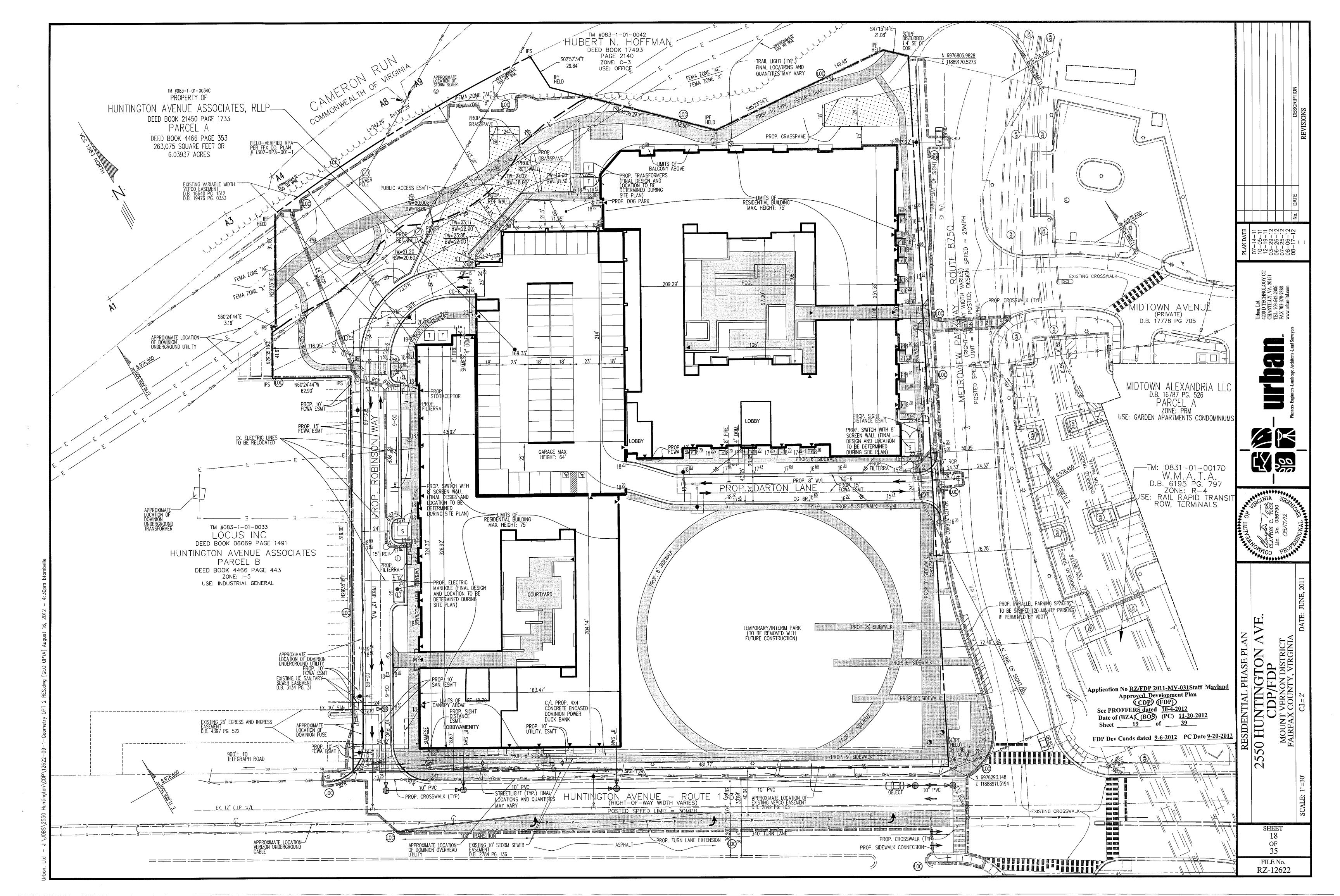


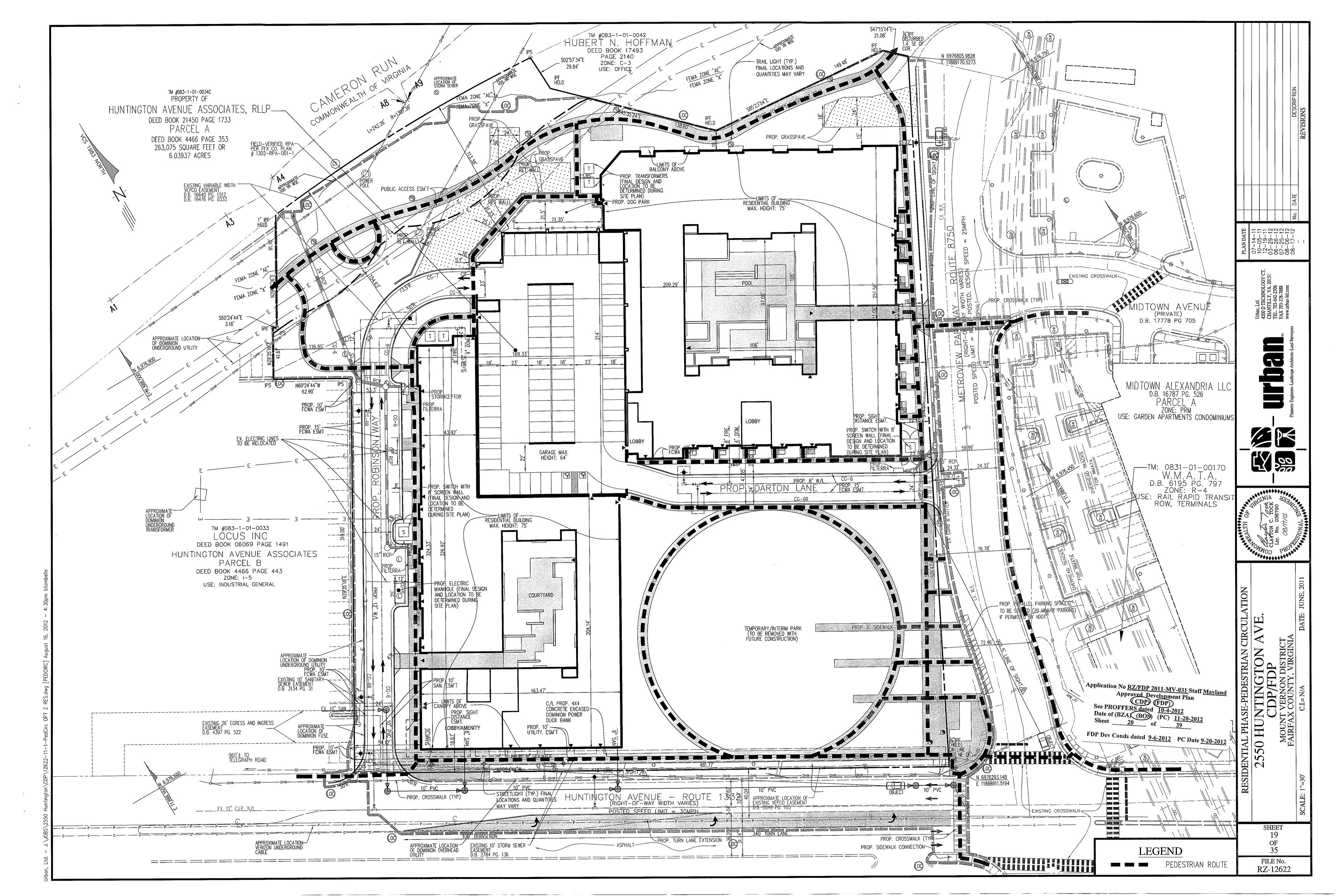


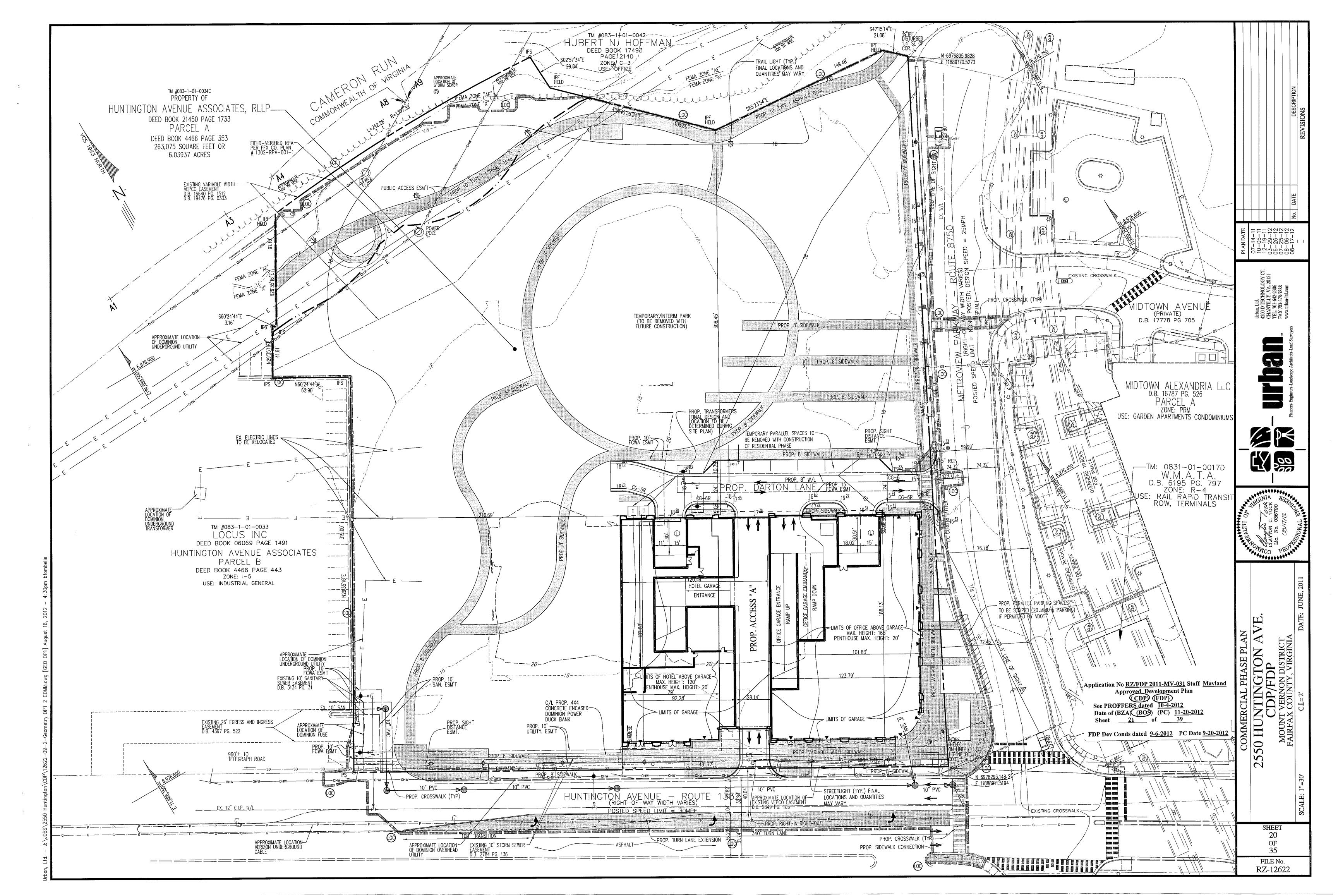


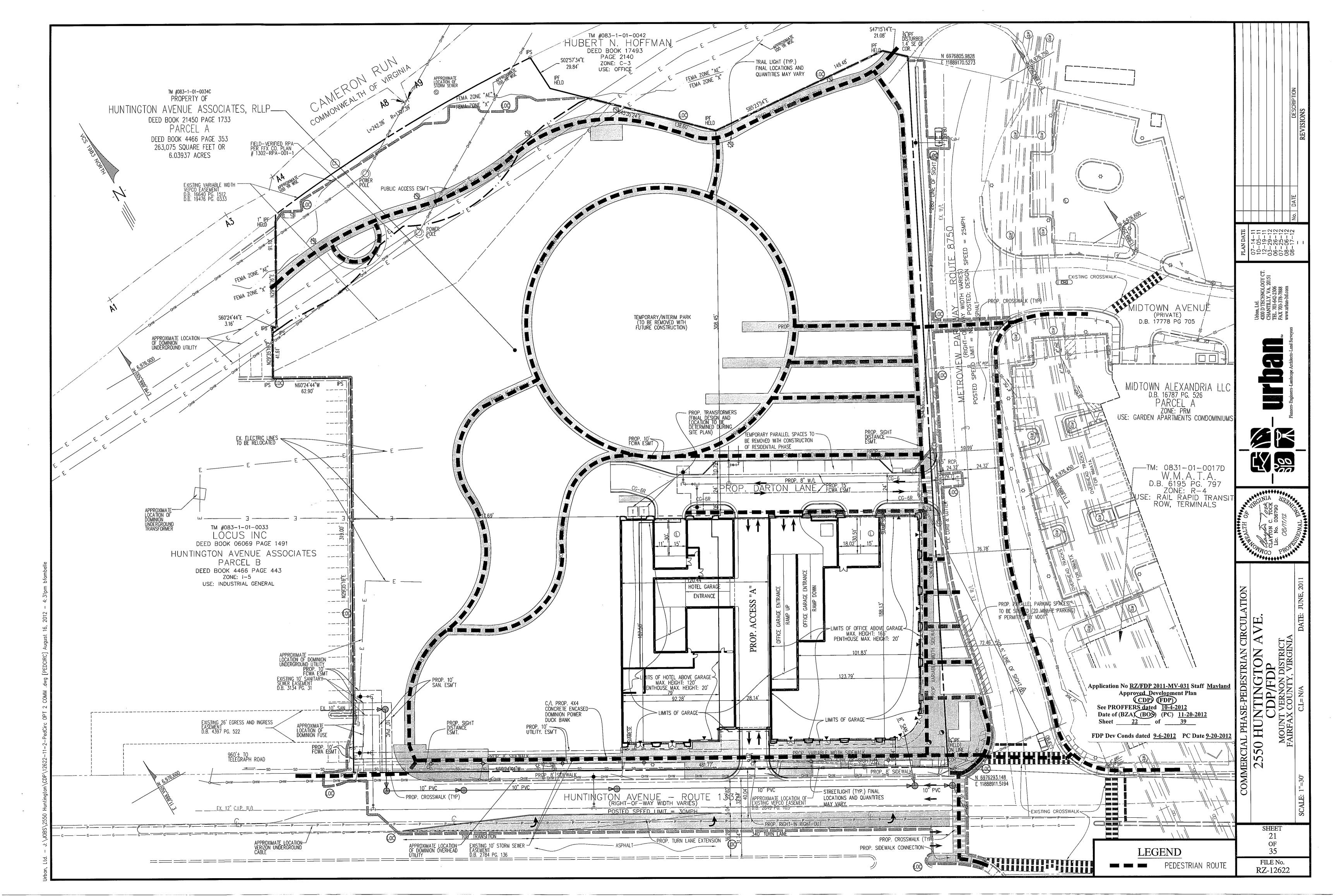


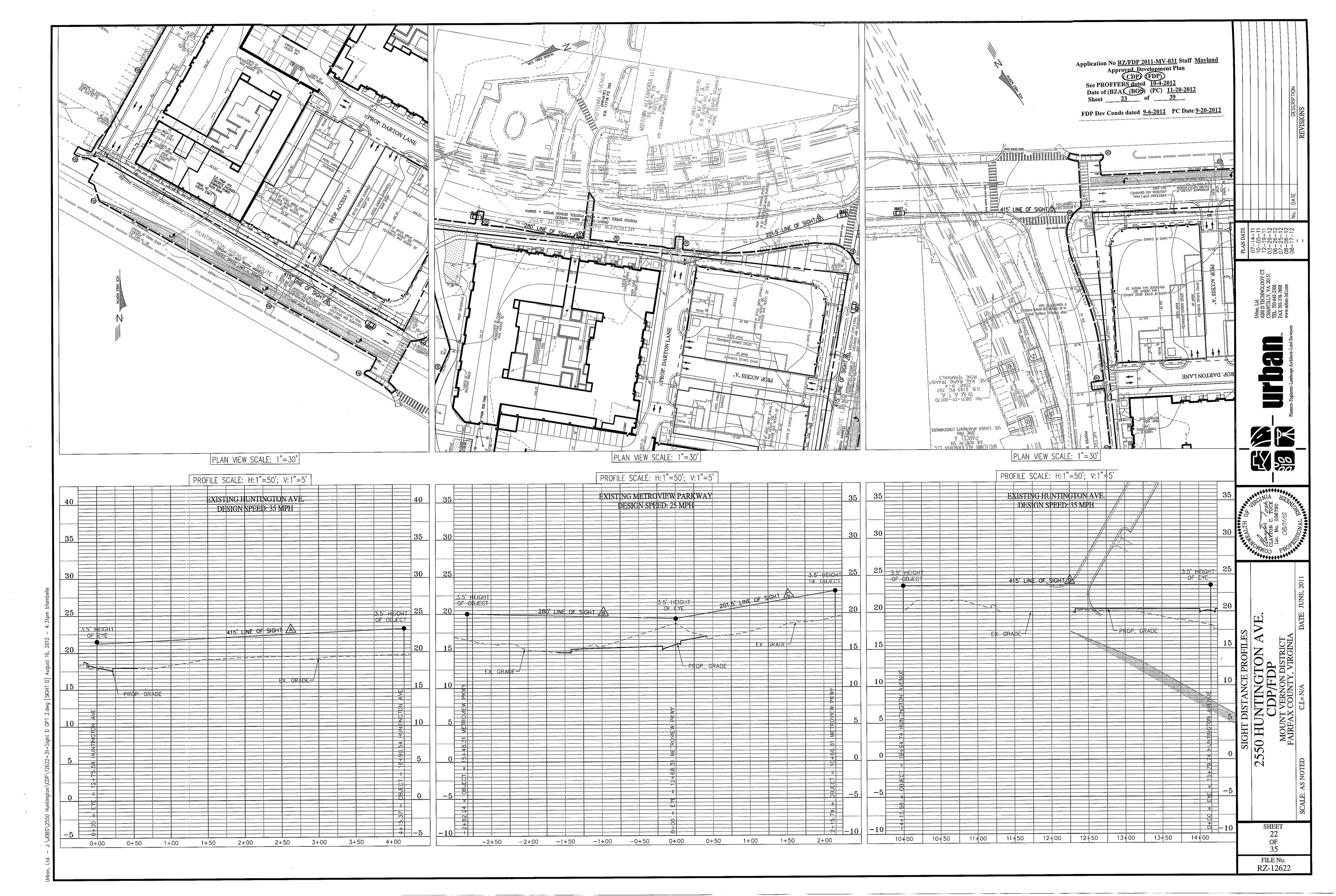


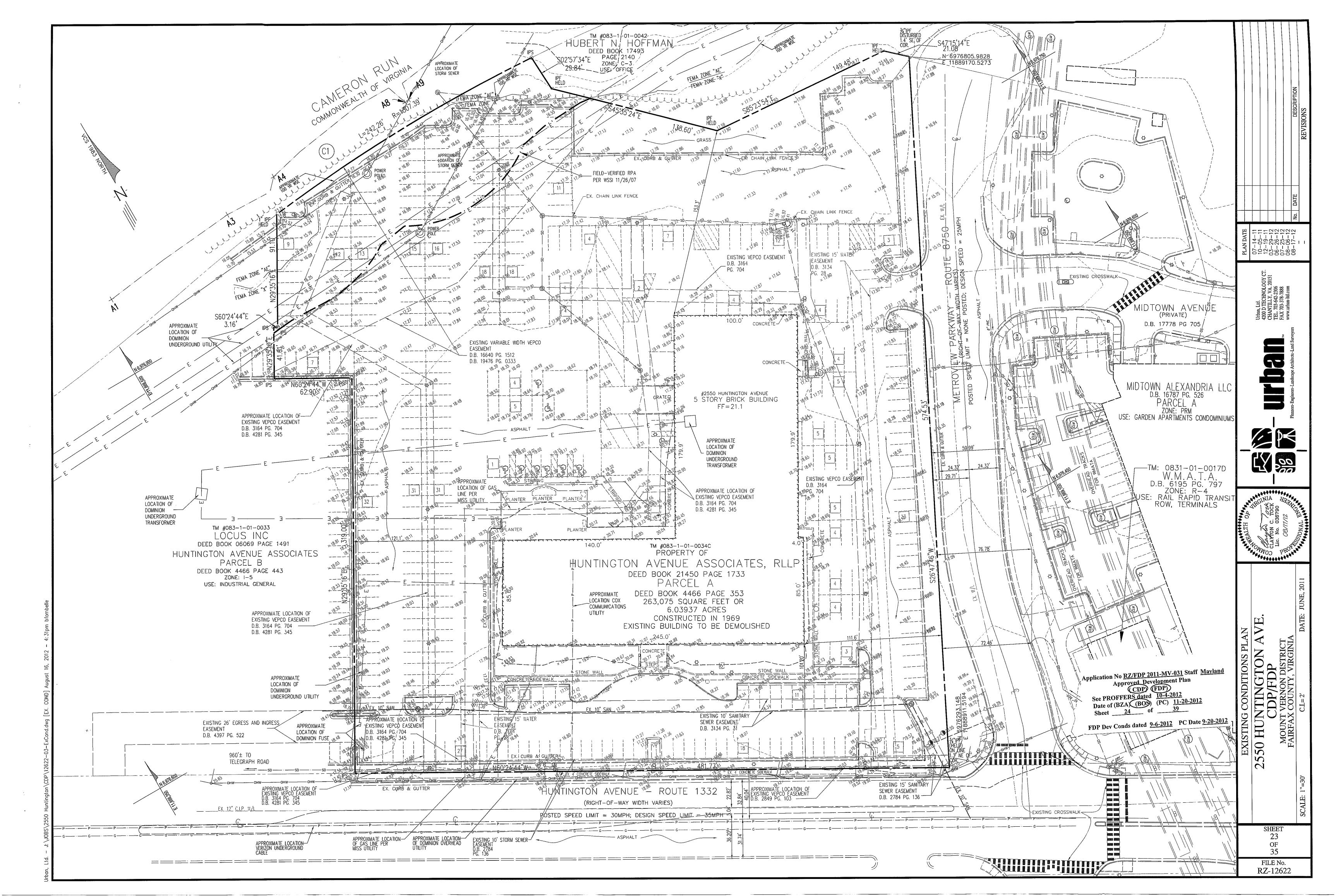


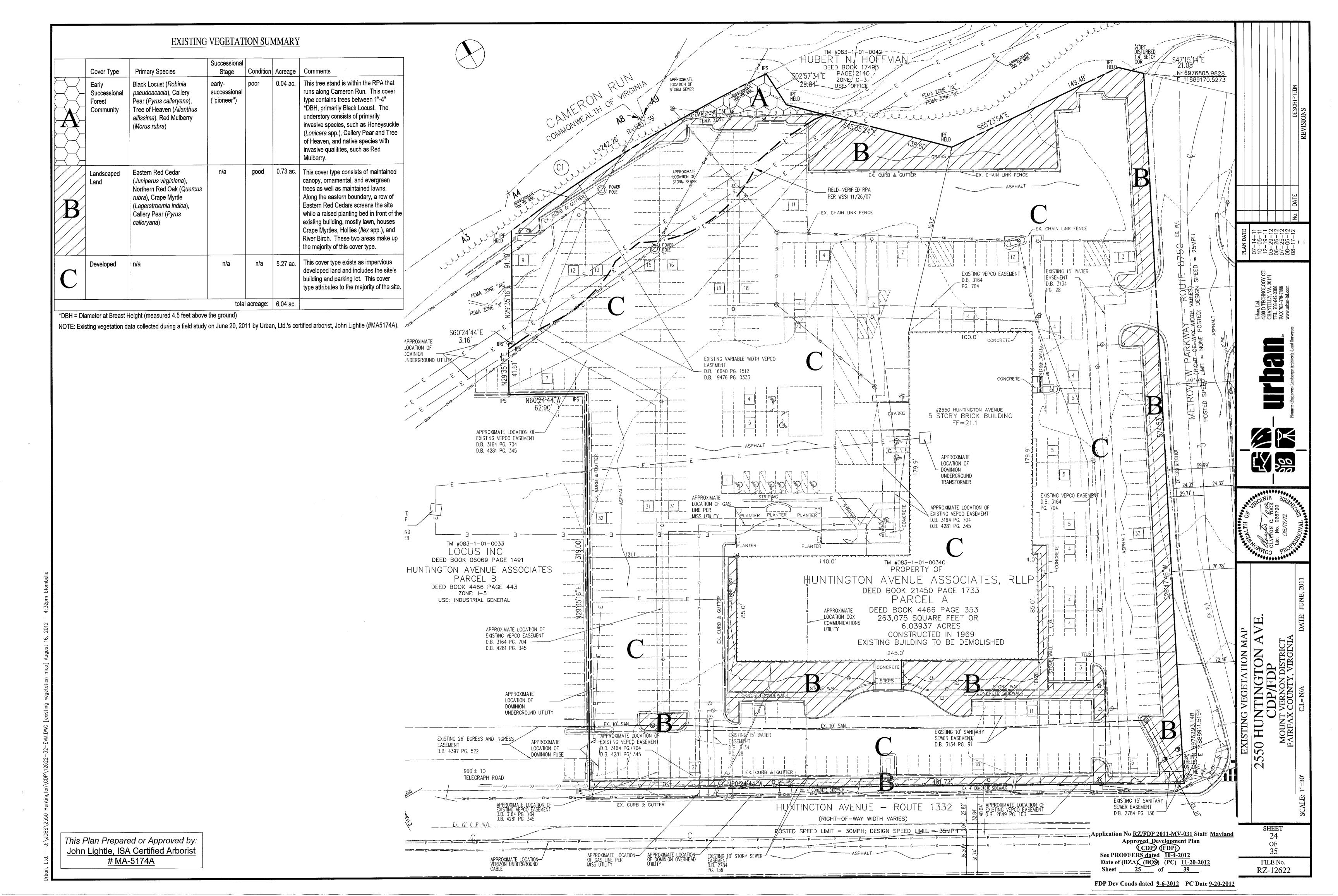


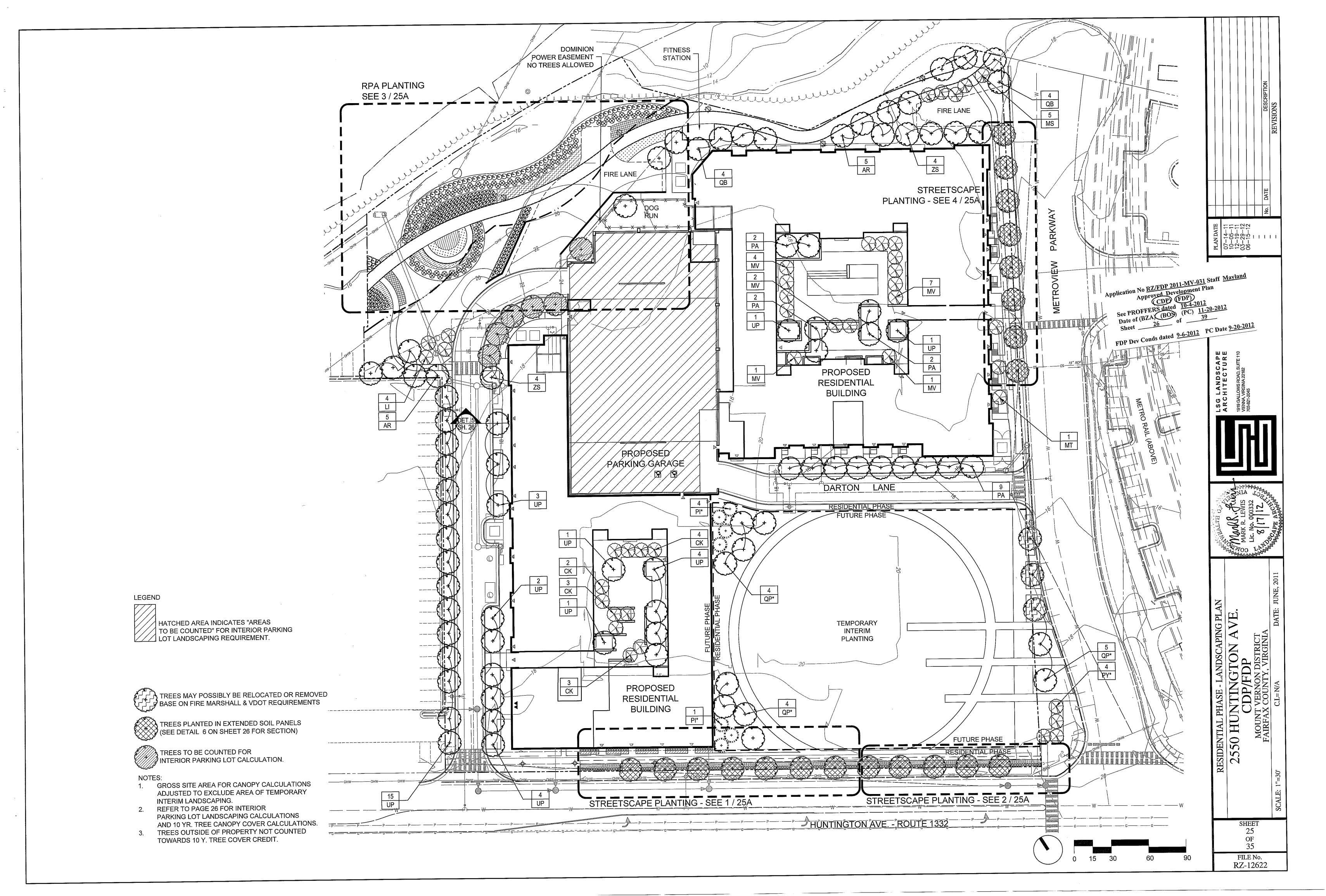


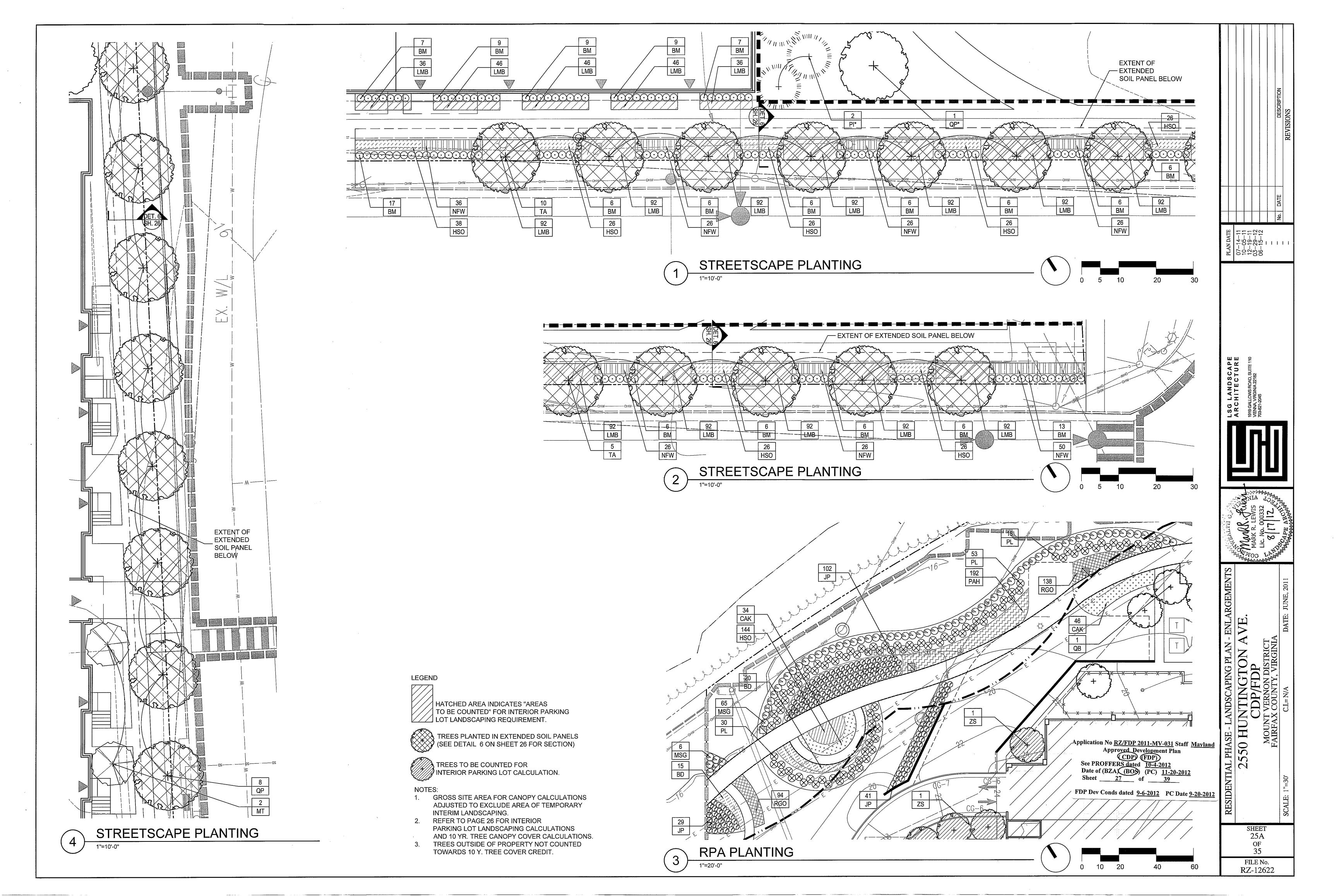












(ey	Qty	Botanical Name	Common Name	Size	Spacing	Туре	10 Year Canopy SF	Tree Canopy Sub-Total SF	Remarks
		TREES							
AR	10	Acer rubrum 'October Glory'	October Glory Red Maple	3" cal.	As Shown	B & B	250	2500	Full & Dense
PA	15	Platanus acerifolia 'Blood Good'	Blood Good London Plane Tree	3" cal.	As Shown	B & B	250	3750	Full & Dense
QB	9	Quercus bicolor	Swamp White Oak	3" cal.	As Shown	в&в	250	2250	Full & Dense
QP	8	Quercus phellos 'High Tower'	High Tower Willow Oak	3" cal.	As Shown	B & B	250	2000	Full & Dense
QP*	14	Quercus phellos 'High Tower'	High Tower Willow Oak	3" cal.	As Shown	B & B	0	0	*Canopy Not Counted
TA	15	Tilia americana	American Linden	3" cal.	As Shown	B & B	250	3750	Full & Dense
UP	32	Ulmus parvifolia 'Bosque TM'	Bosque Elm	3" cal.	As Shown	B & B	250	8000	Full & Dense
ZS	10	Zelkova serrata	Zelkova	3" cal.	As Shown	B & B	250	2500	Full & Dense
		ORNAMENTAL TREES							
CK	12	Cornus kousa	Kousa Dogwood	3" cal.	As Shown	B & B	125	1500	Matching
Ll	4	Lagerstroemia indica 'Natchez'	Crape Mrytle	3" cal.	As Shown	B & B	125	500	Specimen, Matching
MS	5	Magnolia x soulangiana	Saucer Magnolia	3" cal.	As Shown	B & B	125	625	Specimen, Matching
MT	3	Magnolia stellata	Star Magnolia	3" cal.	As Shown	B & B	125	375	Specimen, Matching
MV	15	Magnolia virginiana	Sweetbay Magnolia	3" cal.	As Shown	B&B	125	1875	Specimen, Matching
>γ*	4	Prunus x yedoensis	Yoshino Cherry	3" cal.	As Shown	B & B	0	0	*Canopy Not Counted
		EVERGREEN TREES							
PI*	7	Picea abies	Norway Spruce	12' ht.	As Shown	B & B	0	0	Full & Dense
		SHRUBS							
BD	35	Buddleia davidii	Butterfly Bush	3 gal.	36" a.c.	Cont.	0	0	
3M	137	Buxus microphylla 'Green Gem'	Green Gem Boxwood	24" ht.	24" o.c.	Cont.	0	0	
JP	172	Juniperus chinensis 'Pfitzeriana'	Pfitzer Juniper	30" ht.	36" o.c.	Cont.	0	0	
PL	101	Prunus laurocerasus	Cherry Laurel	30" ht.	36" o.c.	Cont.	0	0	
		GRASSES, PERENNIALS, GROUNDCOVE	ERS .						
łSO	338	Hemerocallis 'Stella d'Oro'	Daylily	1 gal.	15" o.c.	Cont.	0	0	
CAK	80	Calamagrostis x. acutiflora 'Karl Foerster'	Feather Reed Grass	3 gal.	36" o.c.	Cont.	0	0	
MB	1314	Liriope muscari 'Big Blue'	Big Blue Lilyturf	1 qt.	12" o.c.	Cont.	0	0	
SG	71	Miscanthus sinensis	Maiden Grass	5 gal.	48" o.c.	Cont.	0	0	
FW	216	Nepeta faassenii 'Walkers Low'	Catmint	1 gal.	15" o.c.	Cont.	0	0	
ΑH	192	Pennisetum alopecuriodes 'Hameln'	Dwarf Fountain Grass	3 gal.	24" o.c.	Cont.	0	0	
RGO	232	Rudbeckia fulgida 'Goldsturm'	Black Eyed Susan	1 gal.	18" o.c.	Cont.	0	0	
		TOTAL						29625	
		TOTAL						29020	

PLANT SCHEDULE

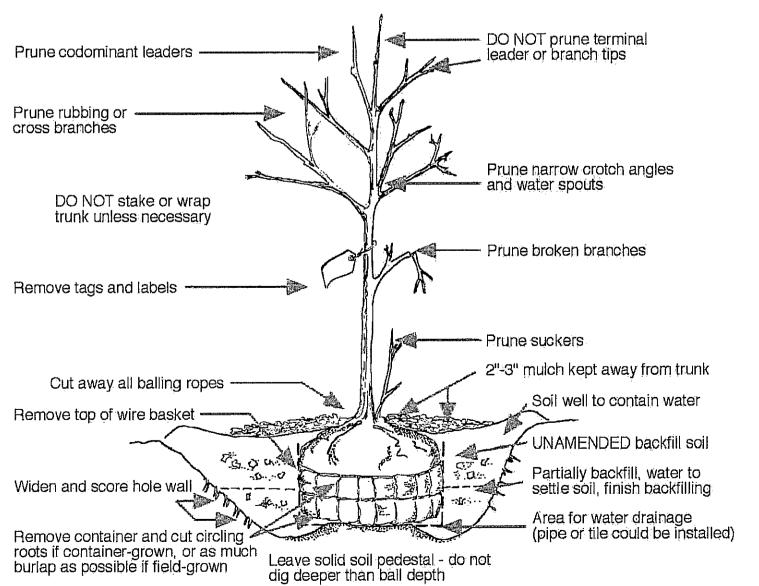
EQ. EQ. -SINGLE STEM TREE -ROOT FLARE -ADJACENT PAVING **CONDITIONS VARY** PLANTING SOIL MIX LIMITS OF PLANTING **EXCAVATION; SCARIFY** -SUBGRADE -FILTER FABRIC -DRAINAGE AGGREGATE -SUBDRAIN PIPE. SLOPE TO DRAIN. CONNECT TO Application No RZ/FDP 2011-MV-031 Staff Mayland
Approved Development Plan
(CDP) (FDP)

 See PROFFERS dated
 10-4-2012

 Date of (BZA) (BOS)
 (PC) 11-20-2012

 Sheet 28 of 39

FDP Dev Conds dated <u>9-6-2012</u> PC Date <u>9-20-2012</u>



TYPICAL TREE PLANTING

<u>Step</u> <u>A. Tre</u> <u>A 1</u>		ksheet Totals	Reference
	e Preservation Target and Statement		
<u>A.1.</u>	Place the Tree Preservation Target calculations and statement here preceding the 10-year tree canopy calculations	NO TREES PRESERVED	see § 12-0507.2 for I of required elements worksheet
B. Tre	e Canopy Requirement		
B1	Identify gross site area =	263 076 sf	§ 12-0510.1A
B2	Subtract area dedicated to parks, road frontage, and	200,01001	§ 12-0510.1B
<u>B3</u> B4	Subtract area of exemptions = Adjusted gross site area (B1 – B2) =	50,460 sf 212,616 sf	§ 12-0510.1C(1) through § 12-0510.1
B5 B6	Identify site's zoning and/or use Percentage of 10-year tree canopy required =	10%	§ 12-509.1 and Tabl
		0.1.000	<u>12.4</u>
<u>B7</u> <u>B8</u>	Area of 10-year tree canopy required (B4 x B5) = Modification of 10-year Tree Canopy Requirements requested?	21,262 sf No	Yes or No
<u>B9</u>	If B8 is yes, then list plan sheet where modification request is located		Sheet number
C. Tre	e Preservation		
<u>C1</u>		0 sf	
<u>C2</u> C3	Total canopy area meeting standards of § 12-0200 = C2 x 1.25 =	0 sf	§ 12-0509.3B
<u>C4</u>	Total canopy area provided by unique or valuable forest or woodland communities =		
<u>C5</u>		0 sf	§ 12-0509.3B(1)
<u>C6</u>	Total of canopy area provided by "Heritage," "Memorial," "Specimen." or "Street" trees =	05	£ 10 0500 05 (c)
<u>C7</u> <u>C8</u>	Canopy area of trees within Resource Protection Areas	0 sf	§ 12-0509.3B(2)
<u>C9</u>	<u>and 100-year floodplains =</u> <u>C8 x 1.0 =</u>	0 sf	§ 12-0509.3C(1)
<u>C10</u>	<u>Total of C3, C5, C7 and C9 =</u>	0 sf .	If area of C10 is less than B7 remainder o requirement must be
<u>D. 1re</u>	Area of canopy to be met through tree planting (B7-C10) =	21,262 sf	
<u>D2</u>	Area of canopy Planted for air quality benefits =	None	
<u>D3</u> <u>D4</u>	<u>x 1.5 =</u> Area of canopy planted for energy conservation =	None	§ 12-0509.4B(1)
D5	Area of canopy planted for energy conservation = x 1.5 =	None	§ 12-0509.4B(2)
<u>D6</u>	Area of canopy planted for water quality benefits =	None	
<u>D7</u>	<u>x 1.25 =</u>	İ	B 40 5 5 4 5
D8	Area of canony planted for wildlife benefits =	None	§ 12-0509.4B(3
<u>D8</u> <u>D9</u>	Area of canopy planted for wildlife benefits = x 1.5 =	None	§ 12-0509.4B(3 § 12-0509.4B(4)
<u>D9</u> <u>D10</u>	$\frac{x \cdot 1.5 =}{\text{Area of canopy provide by native trees}}$	None None	§ 12-0509.4B(4)
<u>D9</u> <u>D10</u> <u>D11</u> <u>D12</u>	x 1.5 = Area of canopy provide by native trees = x 1.5 = Area of canopy provided by improved cultivars and varieties =		§ 12-0509.4B(4) § 12-0509.4B(5)
D9 D10 D11 D12 D13	x 1.5 = Area of canopy provide by native trees = x 1.5 = Area of canopy provided by improved cultivars and varieties = X1.25	None None	§ 12-0509.4B(4) § 12-0509.4B(5) § 12-0509.4B(6)
<u>D9</u> <u>D10</u> <u>D11</u> <u>D12</u>	x 1.5 = Area of canopy provide by native trees = x 1.5 = Area of canopy provided by improved cultivars and varieties = X1.25	None	§ 12-0509.4B(4) § 12-0509.4B(5)
D9 D10 D11 D12 D13	x 1.5 = Area of canopy provide by native trees = x 1.5 = Area of canopy provided by improved cultivars and varieties = X1.25 Area of canopy provided through tree seedlings = x1.0 Area of canopy provided through native shrubs or woody seed mix =	None None	§ 12-0509.4B(4) § 12-0509.4B(5) § 12-0509.4B(6) § 12-0509.4D(1) § 12-0509.4D(1)(a)
D9 D10 D11 D12 D13 D14	X 1.5 = Area of canopy provide by native trees = X 1.5 = Area of canopy provided by improved cultivars and varieties = X1.25 Area of canopy provided through tree seedlings = X1.0 Area of canopy provided through native shrubs or	None None None	§ 12-0509.4B(4) § 12-0509.4B(5) § 12-0509.4B(6) § 12-0509.4D(1) § 12-0509.4D(1)(a) § 12-0509.4D(1)(a)
D9 D10 D11 D12 D13 D14 D15 D16	Area of canopy provide by native trees = Area of canopy provide by native trees = x 1.5 = Area of canopy provided by improved cultivars and varieties = X1.25 Area of canopy provided through tree seedlings = x1.0 Area of canopy provided through native shrubs or woody seed mix = x1.0 Percentage of D14 represented by D15= Total of canopy area provided through tree planting =	None None None None None	§ 12-0509.4B(4) § 12-0509.4B(5) § 12-0509.4B(6) § 12-0509.4D(1) § 12-0509.4D(1)(a) § 12-0509.4D(1)(a) Must not exceed 339 D14
D9 D10 D11 D12 D13 D14 D15 D16 D17 D18	Area of canopy provide by native trees = Area of canopy provided by improved cultivars and varieties = X1.5 = Area of canopy provided by improved cultivars and varieties = X1.25 Area of canopy provided through tree seedlings = x1.0 Area of canopy provided through native shrubs or woody seed mix = x1.0 Percentage of D14 represented by D15= Total of canopy area provided through tree planting = Is an offsite planting relief requested?	None None None None	§ 12-0509.4B(4) § 12-0509.4B(5) § 12-0509.4B(6) § 12-0509.4D(1) § 12-0509.4D(1)(a) § 12-0509.4D(1)(a) Must not exceed 33° D14 Yes or No
D9 D10 D11 D12 D13 D14 D15 D16	Area of canopy provide by native trees = Area of canopy provided by improved cultivars and varieties = X 1.5 = Area of canopy provided by improved cultivars and varieties = X1.25 Area of canopy provided through tree seedlings = x1.0 Area of canopy provided through native shrubs or woody seed mix = x1.0 Percentage of D14 represented by D15= Total of canopy area provided through tree planting = Is an offsite planting relief requested? Tree Bank or Tree Fund? Canopy area requested to be provided through offsite	None None None None None	§ 12-0509.4B(4) § 12-0509.4B(5) § 12-0509.4B(6) § 12-0509.4D(1) § 12-0509.4D(1)(a) § 12-0509.4D(1)(a) Must not exceed 339 D14
D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19	Area of canopy provide by native trees = Area of canopy provided by improved cultivars and varieties = X 1.5 = Area of canopy provided by improved cultivars and varieties = X1.25 Area of canopy provided through tree seedlings = x1.0 Area of canopy provided through native shrubs or woody seed mix = x1.0 Percentage of D14 represented by D15= Total of canopy area provided through tree planting = Is an offsite planting relief requested? Tree Bank or Tree Fund? Canopy area requested to be provided through offsite banking or tree fund Amount to be deposited into the Tree Preservation and Planting Fund	None None None None None None None None	§ 12-0509.4B(4) § 12-0509.4B(5) § 12-0509.4B(6) § 12-0509.4D(1) § 12-0509.4D(1)(a) § 12-0509.4D(1)(a) Must not exceed 33° D14 Yes or No
D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21	Area of canopy provide by native trees = Area of canopy provided by improved cultivars and varieties = X 1.5 = Area of canopy provided by improved cultivars and varieties = X1.25 Area of canopy provided through tree seedlings = x1.0 Area of canopy provided through native shrubs or woody seed mix = x1.0 Percentage of D14 represented by D15= Total of canopy area provided through tree planting = Is an offsite planting relief requested? Tree Bank or Tree Fund? Canopy area requested to be provided through offsite banking or tree fund Amount to be deposited into the Tree Preservation and Planting Fund	None None None None None None None None	§ 12-0509.4B(4) § 12-0509.4B(5) § 12-0509.4B(6) § 12-0509.4D(1) § 12-0509.4D(1)(a) § 12-0509.4D(1)(a) Must not exceed 33° D14 Yes or No
D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21	Area of canopy provide by native trees = Area of canopy provided by improved cultivars and varieties = X 1.5 = Area of canopy provided by improved cultivars and varieties = X1.25 Area of canopy provided through tree seedlings = x1.0 Area of canopy provided through native shrubs or woody seed mix = x1.0 Percentage of D14 represented by D15= Total of canopy area provided through tree planting = Is an offsite planting relief requested? Tree Bank or Tree Fund? Canopy area requested to be provided through offsite banking or tree fund Amount to be deposited into the Tree Preservation and Planting Fund al of 10-year Tree Canopy Provided Total of canopy area provided through tree preservation	None None None None None None None None	§ 12-0509.4B(4) § 12-0509.4B(5) § 12-0509.4B(6) § 12-0509.4D(1) § 12-0509.4D(1)(a) § 12-0509.4D(1)(a) Must not exceed 33° D14 Yes or No
D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21	Area of canopy provide by native trees = Area of canopy provided by improved cultivars and varieties = X 1.5 = Area of canopy provided by improved cultivars and varieties = X1.25 Area of canopy provided through tree seedlings = x1.0 Area of canopy provided through native shrubs or woody seed mix = x1.0 Percentage of D14 represented by D15= Total of canopy area provided through tree planting = Is an offsite planting relief requested? Tree Bank or Tree Fund? Canopy area requested to be provided through offsite banking or tree fund Amount to be deposited into the Tree Preservation and Planting Fund al of 10-year Tree Canopy Provided Total of canopy area provided through tree preservation (C10) = Total of canopy area provided through tree planting	None None None None None None None None	§ 12-0509.4B(4) § 12-0509.4B(5) § 12-0509.4B(6) § 12-0509.4D(1) § 12-0509.4D(1)(a) § 12-0509.4D(1)(a) Must not exceed 339 D14 Yes or No
D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D21 E. Tot	Area of canopy provide by native trees = Area of canopy provided by improved cultivars and varieties = X1.5 = Area of canopy provided by improved cultivars and varieties = X1.25 Area of canopy provided through tree seedlings = X1.0 Area of canopy provided through native shrubs or woody seed mix = X1.0 Percentage of D14 represented by D15= Total of canopy area provided through tree planting = Is an offsite planting relief requested? Tree Bank or Tree Fund? Canopy area requested to be provided through offsite banking or tree fund Amount to be deposited into the Tree Preservation and Planting Fund al of 10-year Tree Canopy Provided Total of canopy area provided through tree preservation (C10) =	None None None None None None None None	§ 12-0509.4B(4) § 12-0509.4B(5) § 12-0509.4B(6) § 12-0509.4D(1) § 12-0509.4D(1)(a) § 12-0509.4D(1)(a) Must not exceed 33° D14 Yes or No



INTERIOR PARKING LOT LANDSCAPING

TOTAL PARKING AREA TO BE COUNTED: 23,438 SF BUILDING GARAGE FOOT PRINT AREA: 26,456 SF INTERIOR LANDSCAPING REQUIRED (5%): 1,172 SF TOTAL SHADE TREE COVER PROVIDED: 1,250 SF (5.3%)

5 TREES AT 250 SQ. FT. EACH

TOTAL AREA OF COVERAGE REQUIRED: 1,172 SF TOTAL AREA OF COVERAGE PROVIDED: 1,250 SF

THE APPLICANT HEREBY REQUESTS A MODIFICATION OF INTERIOR PARKING LOT LANDSCAPING ON THE TOP OF THE PARKING DECKS IN FAVOR OF MORE SUSTAINABLE LANDSCAPING AS SHOWN ON THE INCLUDED LANDSCAPE PLAN.

INTERIOR PARKING CALCULATION

RESIDENTIAL PHASE - LANDSCAPE COMPUTATION 2550 HUNTINGTON AVE.

CDP/FDP

MOUNT VERNON DISTRICT
FAIRFAX COUNTY, VIRGINIA

SHEET

26 OF 35

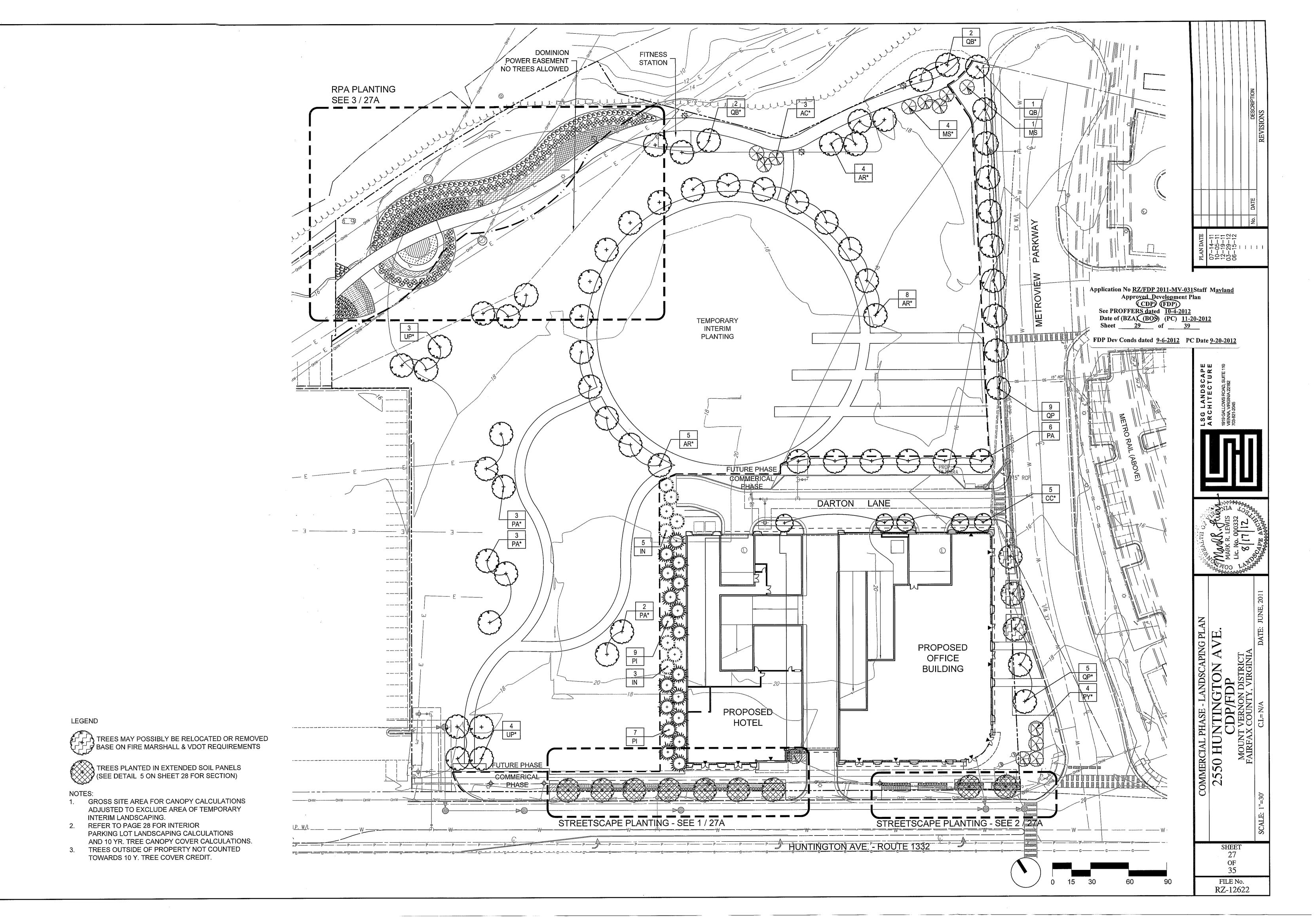
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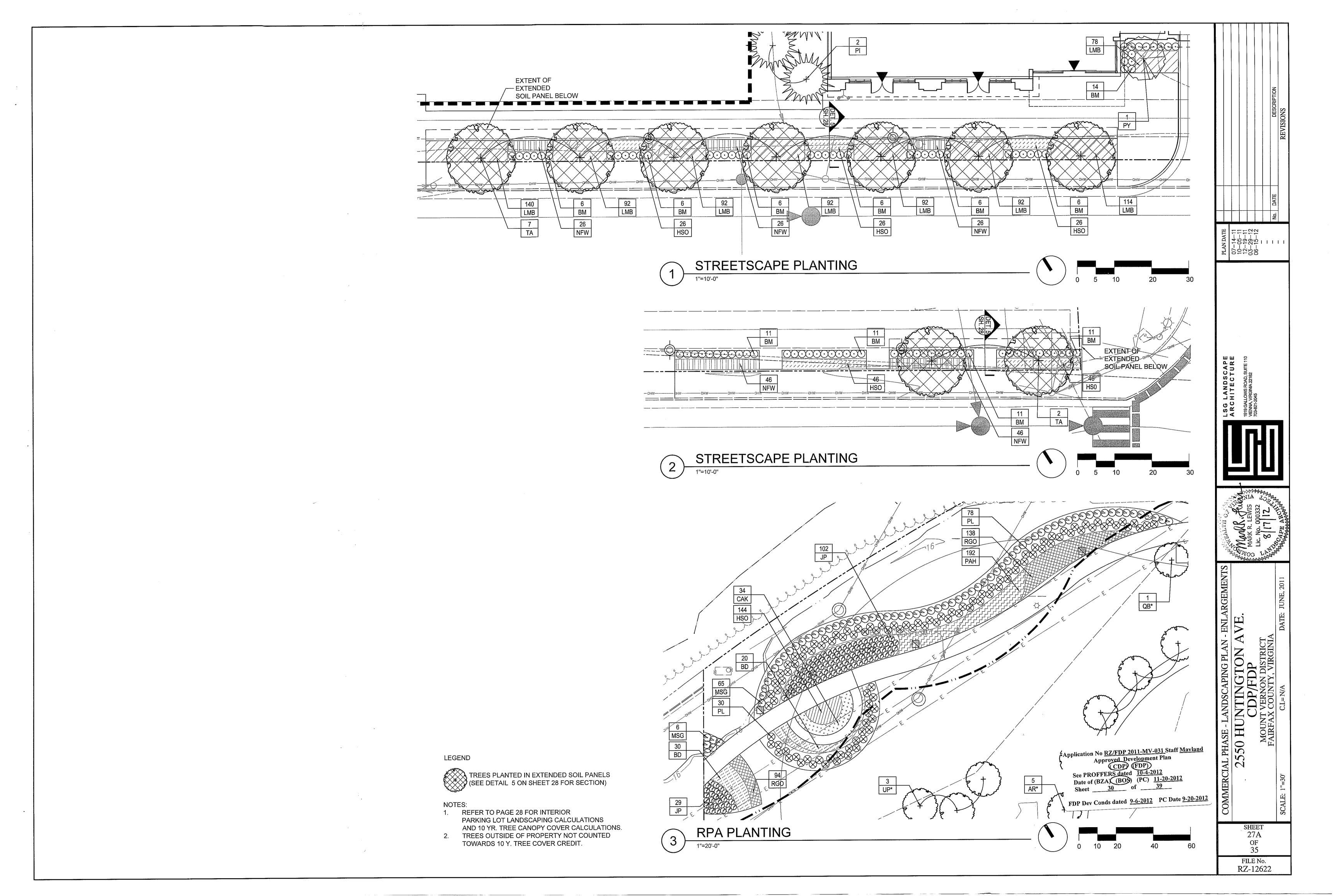
60" MIN. 36'-0" GEOGRID, TYP. PLANTING SOIL MIX ALLOW FOR 1 1/2" - 2" - SETTLEMENT - COMPACTED SUBGRAGE STRUCTURAL CELLS TWO HIGH - 8" AGGREGATE BASE — EXISTING SUBGRADE

EXTENDED SOIL PANEL

TYPICAL TREE PIT

STORM DRAINAGE SYSTEM.



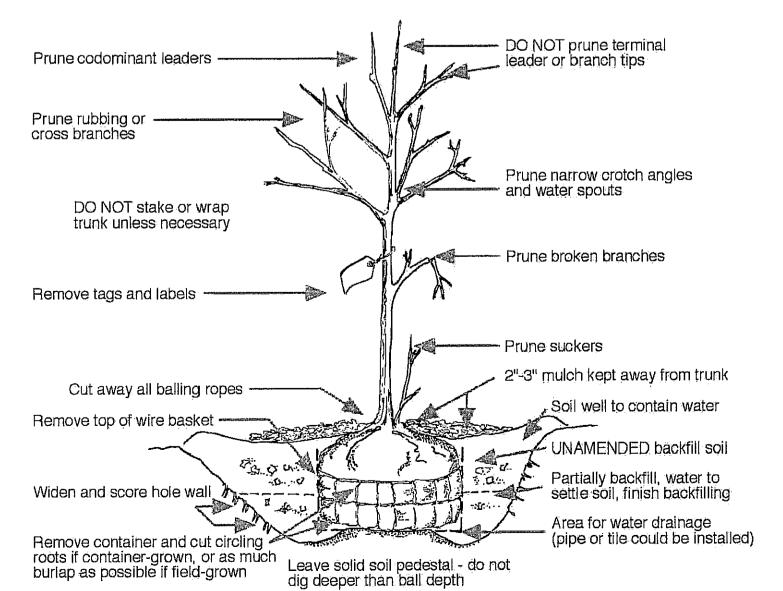


(ey	Qty	Botanical Name	Common Name	Size	Spacing	Туре	10 Year Canopy SF	Tree Canopy Sub-Total SF	Remarks
		TREES		0111	A = . Cla =	D e D	0	0	*Canony Not Caustad
\R*	22	Acer rubrum 'October Glory'	October Glory Red Maple	3" cal.	As Shown	B&B	0	0	*Canopy Not Counted
C*	5	Carpinus caroliniana	American Hornbeam	3" cal.	As Shown	B&B	0	0	*Canopy Not Counted
Α	6	Platanus acerifolia 'Blood Good'	Blood Good London Plane Tree	3" cal.	As Shown	B&B	250	1500	Full & Dense
Α*	8	Platanus acerifolia 'Blood Good'	Blood Good London Plane Tree	3" cal.	As Shown	B&B	0	0	*Canopy Not Counted
В	1	Quercus bicolor	Swamp White Oak	3" cal.	As Shown	B & B	250	250	Full & Dense
3*	5	Quercus bicolor	Swamp White Oak	3" cal.	As Shown	B&B	0	0	*Canopy Not Counted
Р	9	Quercus phellos 'High Tower'	High Tower Willow Oak	3" cal.	As Shown	B & B	250	2250	Full & Dense
>*	5	Quercus phellos 'High Tower'	High Tower Willow Oak	3" cal.	As Shown	B & B	0	0	*Canopy Not Counted
A	9	Tilia americana	American Linden	3" cal.	As Shown	B & B	250	2250	Full & Dense
> *	10	Ulmus parvifolia 'Bosque TM'	Bosque Elm	3" cal.	As Shown	B & B	0	0	*Canopy Not Counted
		ORNAMENTAL TREES							
C*	3	Amelanchier canadensis	Serviceberry	3" cal.	As Shown	В&В	0	0	*Canopy Not Counted
S	1	Magnolia x soulangiana	Saucer Magnolia	3" cal.	As Shown	B&B	125	125	Specimen, Matching
S*	4	Magnolia x soulangiana	Saucer Magnolia	3" cal.	As Shown	B & B	0	0	*Canopy Not Counted
Υ	1	Prunus x yedoensis	Yoshino Cherry	3" cal.	As Shown	B & B	125	125	Specimen, Matching
(*	4	Prunus x yedoensis	Yoshino Cherry	3" cal.	As Shown	B & B	0	0	*Canopy Not Counted
		EVERGREEN TREES							
1	18	Picea abies	Norway Spruce	12' ht.	As Shown	B&B	175	3150	Full & Dense
1	8	llex 'Nellie R. Stevens'	Nellie Stevens Holly	12' ht.	As Shown	B & B	75	600	Full & Dense
		SHRUBS							
D	50	Buddleia đavidii	Butterfly Bush	3 gal.	36" o.c.	Cont.	0	0	
VI	94	Buxus microphylla 'Green Gem'	Green Gem Boxwood	24" ht.	24" o.c.	Cont.	0	0	
>	131	Juniperus chinensis 'Pfitzeriana'	Pfitzer Juniper	30" ht.	36" o.c.	Cont.	0	0	
L	108	Prunus laurocerasus	Cherry Laurel	30" ht.	36" o.c.	Cont.	0	0,	
		GRASSES, PERENNIALS, GROUNDCOV	ERS						
SO	314	Hemerocallis 'Stella d'Oro'	Daylily	1 gal.	15" o.c.	Cont.	0	0	
٩K	34	Calamagrostis x. acutiflora 'Karl Foerster'	Feather Reed Grass	3 gal.	36" o.c.	Cont.	0	0	
ИB	792	Liriope muscari 'Big Blue'	Big Blue Lilyturf	1 qt.	12" o.c.	Cont.	0	0	
SG	71	Miscanthus sinensis	Maiden Grass	5 gal.	48" o.c.	Cont.	0	0	
W	170	Nepeta faassenii 'Walkers Low'	Catmint	1 gal.	15" o.c.	Cont.	0	0	
λΗ	192	Pennisetum alopecuriodes 'Hameln'	Dwarf Fountain Grass	3 gal.	24" o.c.	Cont.	0	0	
3O	232	Rudbeckia fulgida 'Goldsturm'	Black Eyed Susan	1 gal.	18" o.c.	Cont.	0	0	
								10350	
		TOTAL						10250	

4 PLANT SCHEDULE

36'-0" 60" MIN. 12" GEOGRID,	
TYP.	PLANTING SOIL MIX ALLOW FOR 1 1/2" - 2" - SETTLEMENT - COMPACTED SUBGRAGE STRUCTURAL CELLS TWO HIGH - 8" AGGREGATE BASE
	- EXISTING SUBGRADE

5 EXTENDED SOIL PANEL



TYPICAL TREE PLANTING

Identify gross site area = 263,076 sf § 12-0510.1A Subtract area dedicated to parks, road frontage, and through § 12-0510.1C(6) Adjusted gross site area (B1 – B2) = |77,452| sf Identify site's zoning and/or use Percentage of 10-year tree canopy required = |10% § 12-509.1 and Table Area of 10-year tree canopy required (B4 x B5) = 7,745 sf Modification of 10-year Tree Canopy Requirements Yes or No If B8 is ves, then list plan sheet where modification Sheet number request is located C. Tree Preservation <u>Tree Preservation Target Area = 0 sf</u> Total canopy area meeting standards of § 12-0200 = § 12-0509.3B Total canopy area provided by unique or valuable forest § 12-0509.3B(1) Total of canopy area provided by "Heritage," "Memorial," "Specimen," or "Street" trees = $C6 \times 1.5 \text{ to } 3.0 = 0 \text{ sf}$ § 12-0509.3B(2) Canopy area of trees within Resource Protection Areas and 100-year floodplains = § 12-0509.3C(1) $C8 \times 1.0 = 0 \text{ sf}$ Total of C3, C5, C7 and C9 = 0 sf If area of C10 is less than B7 remainder of requirement must be met through tree planting -Area of canopy to be met through tree planting (B7-C10) = 7,745 sf Area of canopy Planted for air quality benefits = |None § 12-0509.4B(1) Area of canopy planted for energy conservation = None 12-0509.4B(2) <u>x 1.5 =</u> Area of canopy planted for water quality benefits = | None § 12-0509.4B(3 Area of canopy planted for wildlife benefits = None § 12-0509.4B(4) Area of canopy provide by native trees = None 12-0509.4B(5) Area of canopy provided by improved cultivars and None § 12-0509.4B(6) Area of canopy provided through tree seedlings = None § 12-0509.4D(1) Area of canopy provided through native shrubs or None § 12-0509.4D(1)(a) woody seed mix = Percentage of D14 represented by D15= None Must not exceed 33% of D17 Total of canopy area provided through tree planting = |None Yes or No § 12-0511 Tree Bank or Tree Fund? Canopy area requested to be provided through offsite banking or tree fund None Amount to be deposited into the Tree Preservation and Planting Fund

None E. Total of 10-year Tree Canopy Provided Total of canopy area provided through tree preservation (C10) = Total of canopy area provided through tree planting (D17) = 10,250 SF

Total of canopy area provided through offsite mechanism (D19) = 0 sf Total of 10-year Tree Canopy Provided = 10,250 SF Total of E1 through E3.
Area should meet or
exceed area in B6

Table 12.12 10-year Tree Canopy Calculation Worksheet

A. Tree Preservation Target and Statement

B. Tree Canopy Requirement

A 1 Place the Tree Preservation Target calculations and

statement here preceding the 10-year tree canopy

<u>Totals</u>

Reference

NO TREES | see § 12-0507.2 for list

PRESERVED of required elements and worksheet

10- YR CANOPY CALCULATION

Application No RZ/FDP 2011-MV-031 Staff Mayland
Approved Development Plan
(CDP) (FDP)

See PROFFERS dated 10-4-2012
Date of (BZA) (BOS) (PC) 11-20-2012
Sheet 31 of 39

FDP Dev Conds dated <u>9-6-2012</u> PC Date <u>9-20-2012</u>

NOT USED

NTS

COMMERCIAL PHASE - LANDSCAPE COMPUTATION

2550 HUNTINGTON AVE.

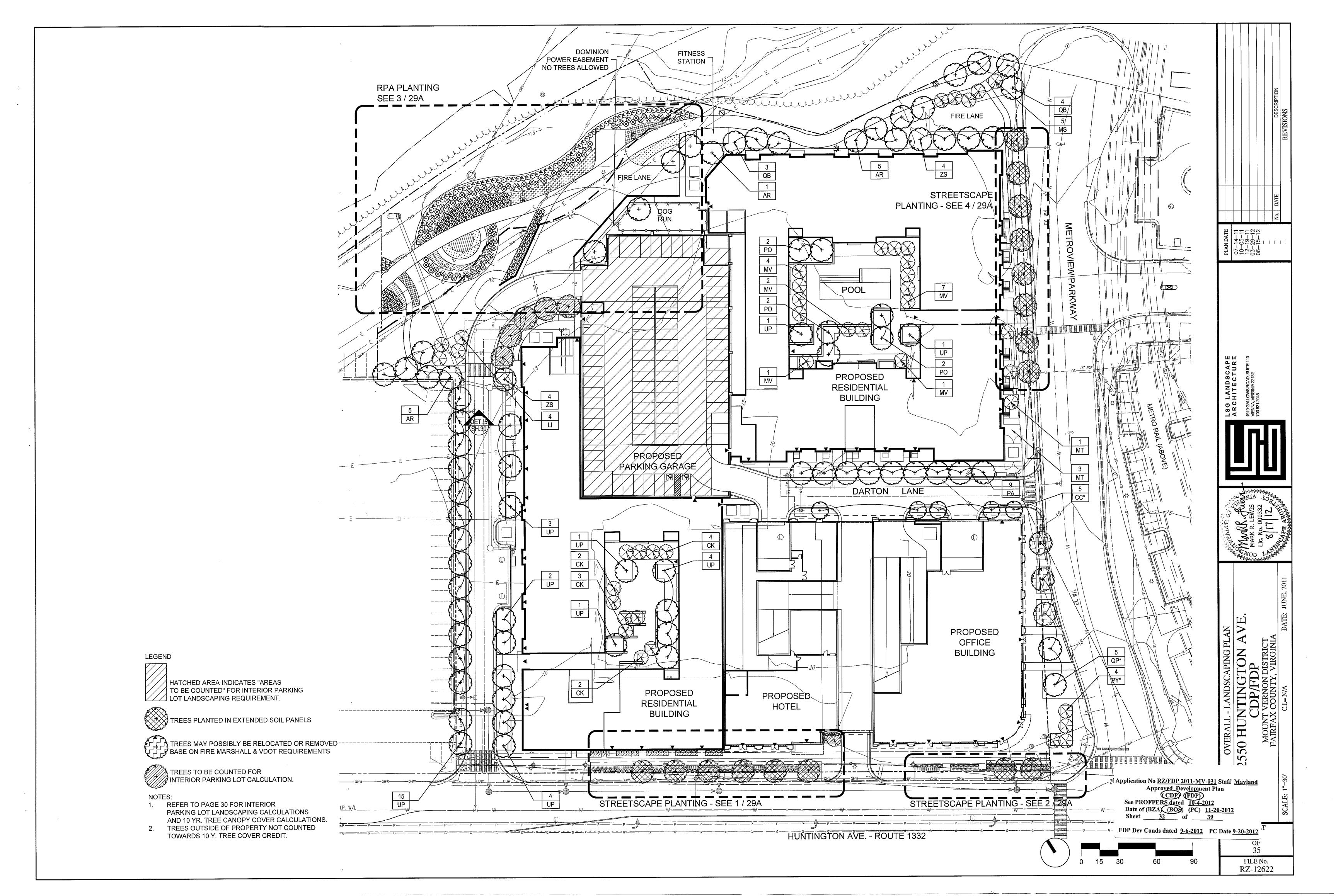
CDP/FDP

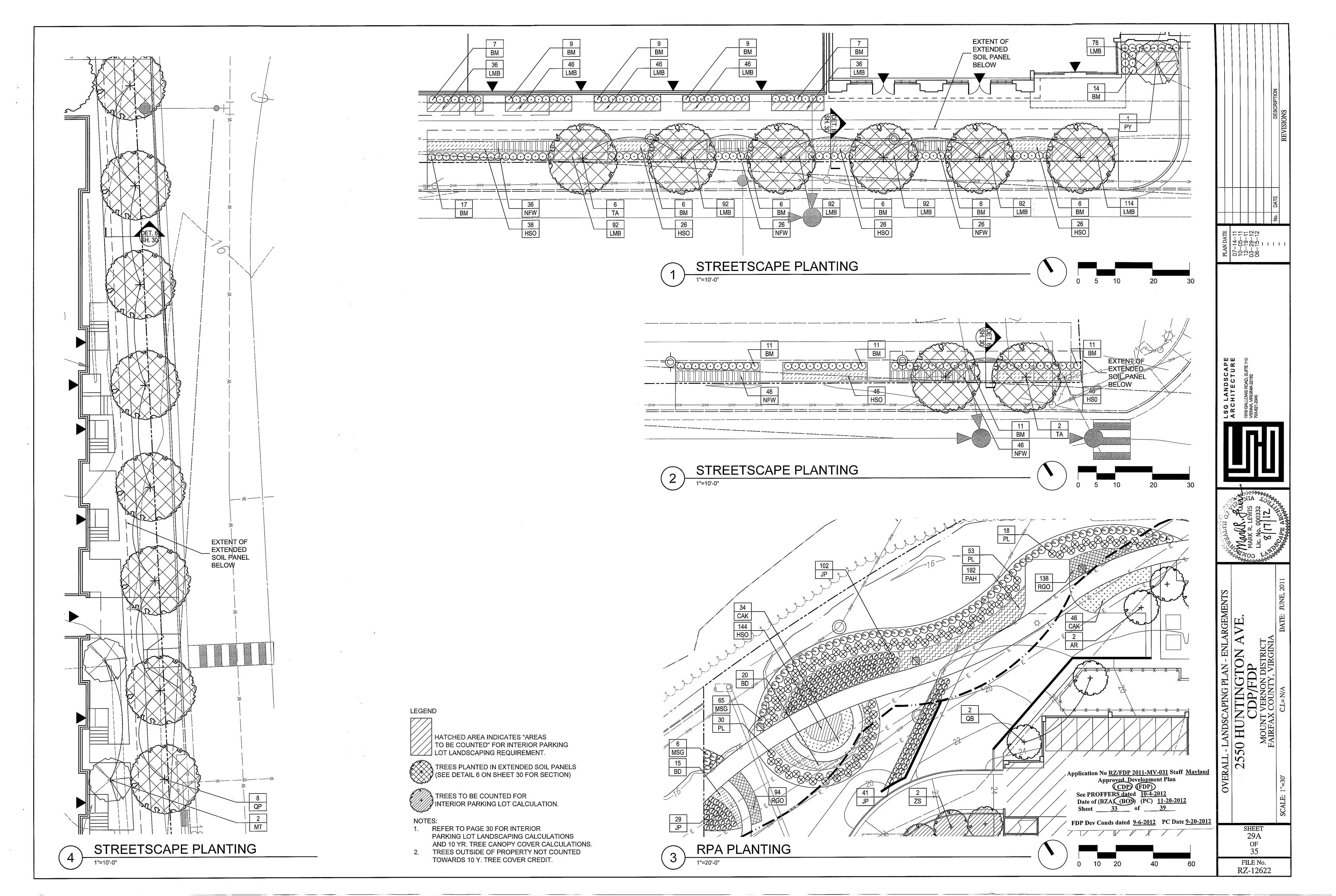
MOUNT VERNON DISTRICT
FAIRFAX COUNTY, VIRGINIA SHEET 28

OF 35

FILE No. RZ-12622

PLAN DATE
07-14-11
10-05-11
12-19-11
03-29-12
06-15-12





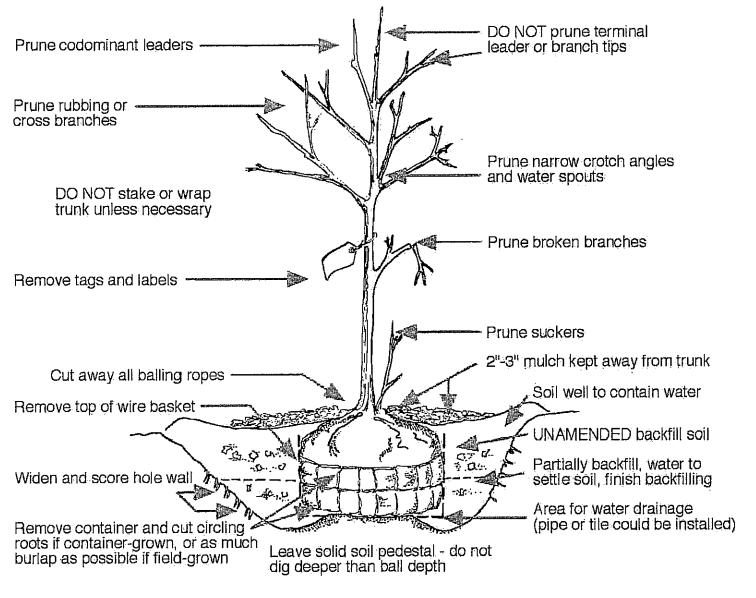
ey	Qty	Botanical Name	Common Name	Size	Spacing	Туре	10 Year Canopy SF	Tree Canopy Sub-Total SF	Remarks
		TREES							
AR	13	Acer rubrum 'October Glory'	October Glory Red Maple	3" cal.	As Shown	B&B	250	3250	Full & Dense
C*	5	Carpinus caroliniana	American Hornbeam	3" cal.	As Shown	B&B	0	0	*Canopy Not Counted
PΑ	9	Platanus acerifolia 'Blood Good'	Blood Good London Plane Tree	3" cal.	As Shown	B&B	250	2250	Full & Dense
В	9	Quercus bicolor	Swamp White Oak	3" cal.	As Shown	B&B	250	2250	Full & Dense
Р	8	Quercus phellos 'High Tower'	High Tower Willow Oak	3" cal.	As Shown	B&B	250	2000	Full & Dense
>*	5	Quercus phellos 'High Tower'	High Tower Willow Oak	3" cal.	As Shown	B&B	0	0	*Canopy Not Counted
4	8	Tilia americana	American Linden	3" cal.	As Shown	B&B	250	2000	Full & Dense
Р	32	Ulmus parvifolia 'Bosque TM'	Bosque Elm	3" cal.	As Shown	B&B	250	8000	Full & Dense
ZS	10	Zelkova serrata	Zelkova	3" cal.	As Shown	B & B	250	2500	Full & Dense
		ORNAMENTAL TREES							
K	11	Cornus kousa	Kousa Dogwood	3" cal.	As Shown	B&B	125	1375	Matching
1	4	Lagerstroemia indica 'Natchez'	Crape Mrytle	3" cal.	As Shown	B&B	125	500	Specimen, Matching
S	5	Magnolia x soulangiana	Saucer Magnolia	3" cal.	As Shown	B&B	125	625	Specimen, Matching
T	6	Magnolia stellata	Star Magnolia	3" cal.	As Shown	B&B	125	750	Specimen, Matching
/	15	Magnolia virginiana	Sweetbay Magnolia	3" cal.	As Shown	B&B	125	1875	Specimen, Matching
)	6	Prunus x incamp 'Okame'	Okame Cherry	3" cal.	As Shown	B&B	125	750	Specimen, Matching
Y	1	Prunus x yedoensis	Yoshino Cherry	3" cal.	As Shown	B&B	125	125	Specimen, Matching
/*	4	Prunus x yedoensis	Yoshino Cherry	3" cal.	As Shown	B&B	0	0	*Canopy Not Counted
	; 	SHRUBS	The state of the s						
D	35	Buddleia davidii	Butterfly Bush	3 gal.	36" o.c.	Cont.	0	0	
V	146	Buxus microphylla 'Green Gem'	Green Gem Boxwood	24" ht.	24" o.c.	Cont.	0	0	
5	172	Juniperus chinensis 'Pfitzeriana'	Pfitzer Juniper	30" ht.	36" o.c.	Cont.	0	0	
PL	101	Prunus laurocerasus	Cherry Laurel	30" ht.	36" o.c.	Cont.	0	0	A
	<u>.</u>	GRASSES, PERENNIALS, GROUNDCOVER	? ?\$:		· · · · · · · · · · · · · · · · · · ·				
0	352	Hemerocallis 'Stella d'Oro'	Daylily	1 gal.	15" o.c.	Cont.	0	0	
ιK	80	Calamagrostis x. acutiflora 'Karl Foerster'	Feather Reed Grass	3 gal.	36" o.c.	Cont.	0	0	
IB :	862	Liriope muscari 'Big Blue'	Big Blue Lilyturf	1 qt.	12" o.c.	Cont.	0	0	
G	71	Miscanthus sinensis	Maiden Grass	5 gal.	48" o.c.	Cont.	0	<u> </u>	
W	180	Nepeta faassenii 'Walkers Low'	Catmint	1 gal.	15" o.c.	Cont.	0	0	CONTRACTOR
\H	192	Pennisetum alopecuriodes 'Hameln'	Dwarf Fountain Grass	3 gal.	24" o.c.	Cont.	0	0	PROFESSOR AND
3 0	232	Rudbeckia fulgida 'Goldsturm'	Black Eyed Susan	1 gal.	18" o.c.	Cont.	0	0	
	, , , , , , , , , , , , , , , , , , ,	TOTAL						28250	
		TOTAL					A COMMISSION OF THE PARTY OF TH		No. 1 TO NORMAN THE CONTRACTOR OF THE CONTRACTOR

PLANT SCHEDULE

EQ. EQ. -SINGLE STEM TREE -ROOT FLARE -ADJACENT PAVING CONDITIONS VARY PLANTING SOIL MIX LIMITS OF PLANTING **EXCAVATION; SCARIFY** -SUBGRADE -FILTER FABRIC -DRAINAGE AGGREGATE SUBDRAIN PIPE. SLOPE TO DRAIN. CONNECT TO STORM DRAINAGE SYSTEM. Application No RZ/FDP 2011-MV-031 Staff Mayland
Approved Development Plan
(CDP) (FDP)

See PROFFERS dated 10-4-2012
Date of (BZA) (BOS) (PC) 11-20-2012
Sheet 34 of 39

FDP Dev Conds dated <u>9-6-2012</u> PC Date <u>9-20-2012</u>



TYPICAL TREE PLANTING

Step	e 12.12 10-year Tree Canopy Calculation Wor	Totals	Reference
	December 18 18 1	TOTALS	Rolei elice
	e Preservation Target and Statement		
<u>A 1</u>	Place the Tree Preservation Target calculations and statement here preceding the 10-year tree canopy calculations	NO TREES PRESERVED	see § 12-0507:2 for of required elements worksheet
B. Tre	e Canopy Requirement		
<u>B1</u>	Identify gross site area =	263,076 sf	§ 12-0510.1A
<u>B2</u> <u>B3</u>	Subtract area dedicated to parks, road frontage, and Subtract area of exemptions =	0 sf	§ 12-0510.1B § 12-0510.1C(1)
<u>ca</u>	Subtract area of exemptions -	U ST	through § 12-0510.1
<u>B4</u>	Adjusted gross site area (B1 – B2) =	263,076 sf	
B5	Identify site's zoning and/or use Percentage of 10-year tree canopy required =	10%	§ 12-509.1 and Tabl
<u>B6</u>	rescentage of 10-year tree canopy required	10%	12.4
<u>B7</u>	Area of 10-year tree canopy required (B4 x B5) =	26,308 sf	2.7
<u>B8</u>	Modification of 10-year Tree Canopy Requirements requested?	No	Yes or No
<u>B9</u>	If B8 is yes, then list plan sheet where modification	110	Sheet number
the section of the section of	request is located		
<u>C. Tre</u>	Pe Preservation Tree Preservation Target Area =	0 sf	
<u>C2</u>	Total canopy area meeting standards of § 12-0200 =		
<u>C3</u>	$\frac{C2 \times 1.25}{C} = \frac{C}{C} = \frac{1}{12} = 1$	0 sf	§ 12-0509.3B
<u>C4</u>	Total canopy area provided by unique or valuable forest or woodland communities =		
<u>C5</u>	C4 x 1.5 =	0 sf	§ 12-0509.3B(1)
<u>C6</u>	Total of canopy area provided by "Heritage,"		
C7	"Memorial," "Specimen," or "Street" trees = C6 x 1.5 to 3.0 =	0 sf	§ 12-0509.3B(2)
<u>C7</u> <u>C8</u>	Canopy area of trees within Resource Protection Areas	0 51	9 12-0309.3B(2)
	and 100-year floodplains =		
<u>C9</u>	<u>C8 x 1.0 =</u>	0 sf	§ 12-0509.3C(1)
<u>C10</u>	<u>Total of C3, C5, C7 and C9 =</u>	0 sf	If area of C10 is less than B7 remainder of requirement must be through tree planting
			go to D
D. Tre	ee Planting		
<u>D1</u>	Area of canopy to be met through tree planting	26,308 sf	
D2	(B7-C10) = Area of canopy Planted for air quality benefits =	None	
<u>D3</u>	<u>x1.5 =</u>		§ 12-0509.4B(1)
<u>D4</u>		None	8 10 0500 4D(0)
D5 D6	$\frac{x \cdot 1.5}{A}$ Area of canopy planted for water quality benefits =	None	§ 12-0509.4B(2)
<u>D0</u> <u>D7</u>	<u>x 1.25 =</u>		§ 12-0509.4B(3
<u>D8</u>	Area of canopy planted for wildlife benefits =	None	8 10 0500 47/15
<u>D9</u> D10	$\frac{x \cdot 1.5 =}{\text{Area of canopy provide by native trees}}$	None	§ 12-0509.4B(4)
D10 D11	Area or canopy provide by hauve uses – x 1.5 =	INOLIE	§ 12-0509.4B(5)
D12	Area of canopy provided by improved cultivars and	None	
Dia	<u>varieties = X1.25</u>		§ 12-0509.4B(6)
<u>D13</u> <u>D14</u>	Area of canopy provided through tree seedlings =	None	§ 12-0509.4D(1)
	<u>x1.0</u>		
<u>D15</u>	Area of canopy provided through native shrubs or woody seed mix =	None	§ 12-0509.4D(1)(a)
	woody seed mix – x1.0		§ 12-0509.4D(1)(a)
<u>D16</u>	Percentage of D14 represented by D15=	None	Must not exceed 339
D12	Treat of some resulted through the planting of	None	<u>D14</u>
D17 D18	Total of canopy area provided through tree planting = Is an offsite planting relief requested?	No	Yes or No
D19	Tree Bank or Tree Fund?		§ 12-0511
D20	Canopy area requested to be provided through offsite	None	
DOI	banking or tree fund	None	
<u>D21</u>	Amount to be deposited into the Tree Preservation and Planting Fund	None	
E. To	tal of 10-year Tree Canopy Provided		
<u>E1</u>	Total of canopy area provided through tree preservation	0 = 5	1
<u>E2</u>	(C10) = Total of canopy area provided through tree planting	U ST	
بنن	(D17) =	28,250 SF	
<u>E3</u>	Total of canopy area provided through offsite		
	mechanism (D19) = Total of 10-year Tree Canopy Provided =		Total of E1 through
<u>E4</u>	Takal af 1/1 // // // //		

10- YR CANOPY CALCULATION

INTERIOR PARKING LOT LANDSCAPING

TOTAL PARKING AREA TO BE COUNTED: 23,438 SF BUILDING GARAGE FOOT PRINT AREA: 26,456 SF INTERIOR LANDSCAPING REQUIRED (5%): 1,172 SF TOTAL SHADE TREE COVER PROVIDED: 1,250 SF (5.3%)

5 TREES AT 250 SQ. FT. EACH

TOTAL AREA OF COVERAGE REQUIRED: 1,172 SF TOTAL AREA OF COVERAGE PROVIDED: 1,250 SF

NOTE:

THE APPLICANT HEREBY REQUESTS A MODIFICATION OF INTERIOR PARKING LOT LANDSCAPING ON THE TOP OF THE PARKING DECKS IN FAVOR OF MORE SUSTAINABLE LANDSCAPING AS SHOWN ON THE INCLUDED LANDSCAPE PLAN.

INTERIOR PARKING CALCULATION

SHEET 30

OF 35

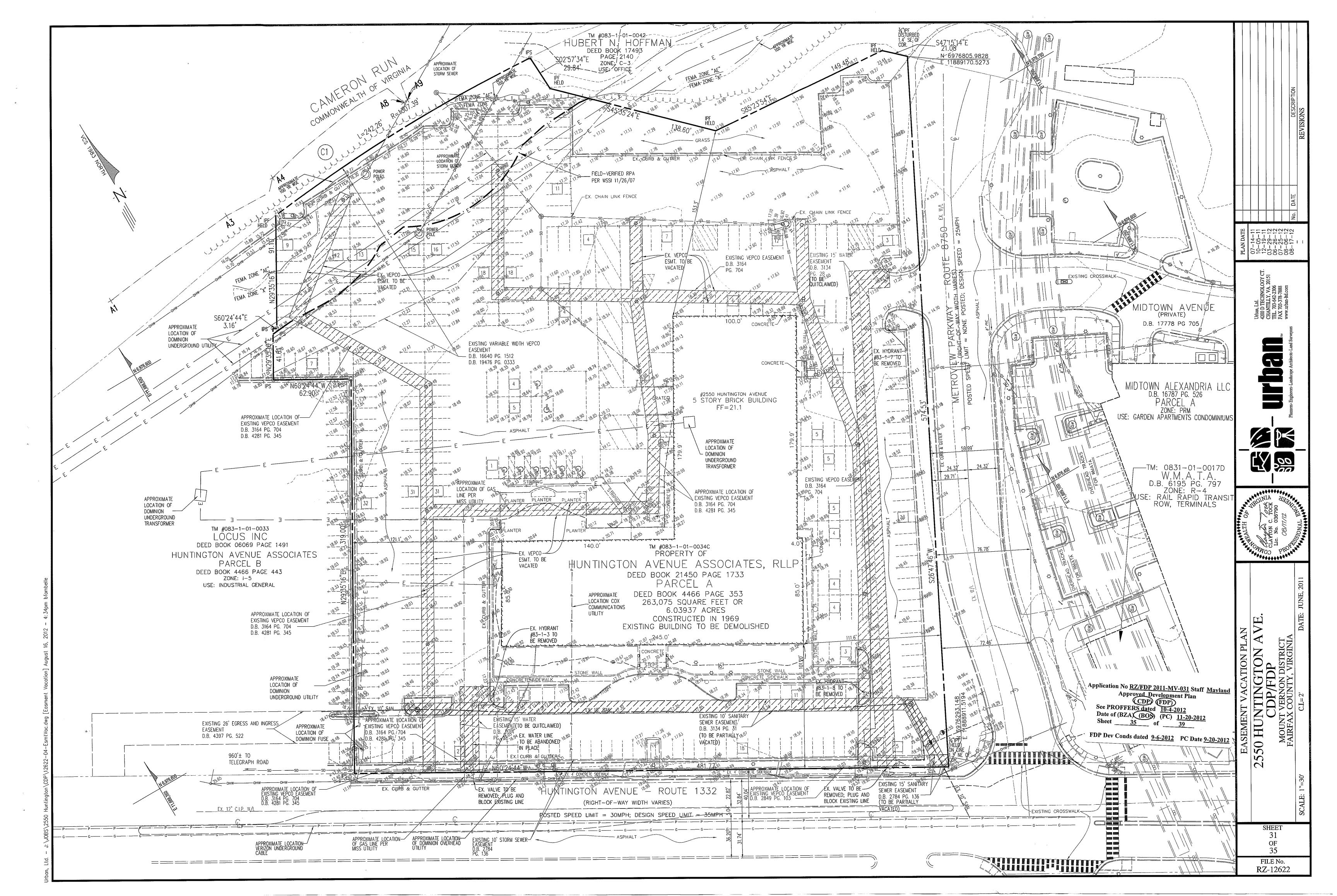
FILE No. RZ-12622

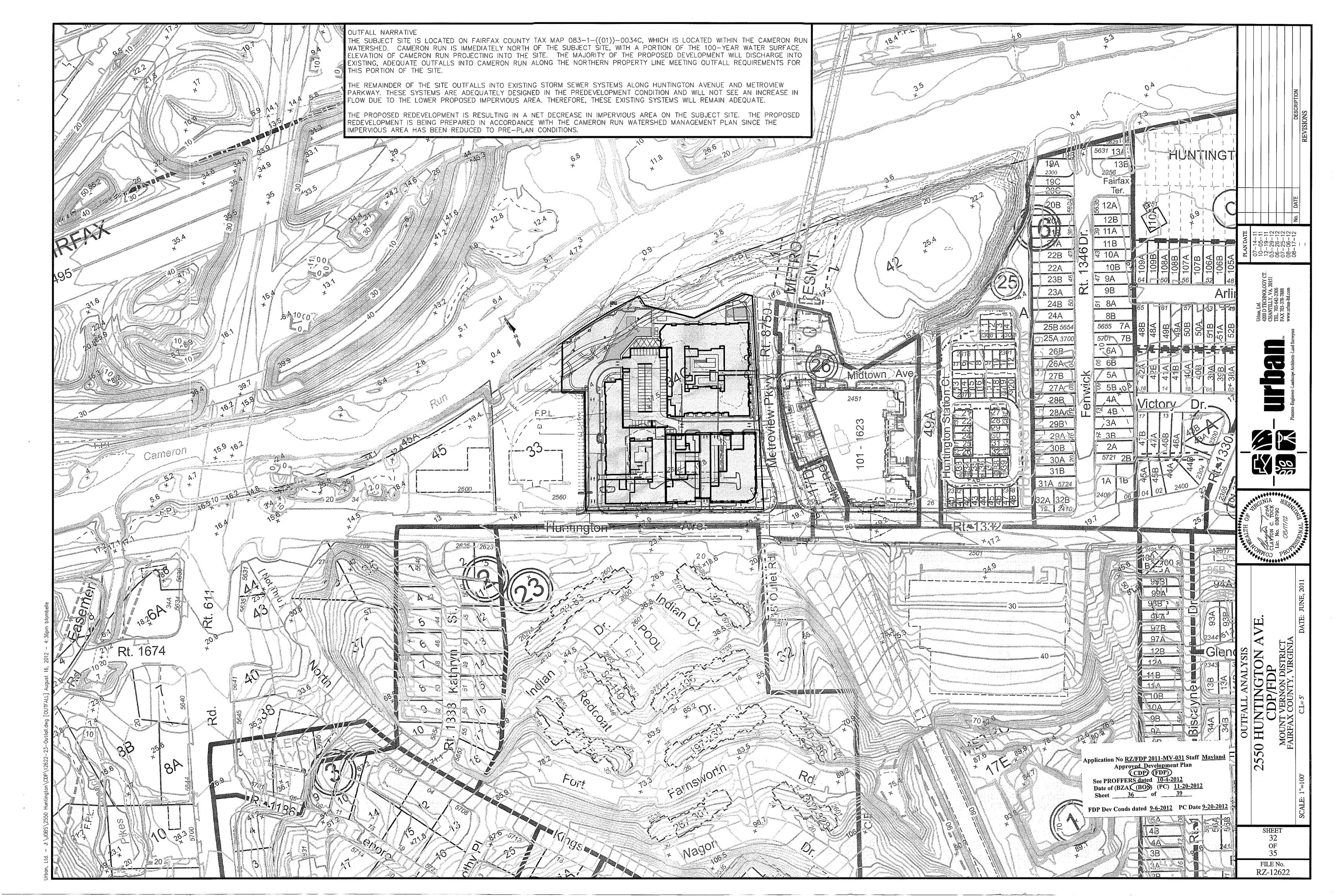
60" MIN 36'-0" GEOGRID, PLANTING SOIL MIX ALLOW FOR 1 1/2" - 2" SETTLEMENT COMPACTED SUBGRAGE STRUCTURAL CELLS TWO HIGH - 8" AGGREGATE BASE

EXTENDED SOIL PANEL

— EXISTING SUBGRADE

TYPICAL TREE PIT





2550 Huntington Avenue -Water Quality Impact Assessment

We hereby submit a Water Quality Impact Assessment for the above referenced project, which is located on Fairfax County Tax Map # 083-1-((01))-34C. The assessment is related to improvements within the RPA limits as depicted in the ALTA survey prepared by Vika, Inc in 2011, consisting of replacing the existing pavement and parking spaces with the proposed asphalt trail and emergency vehicle grasspave circle.

Section 118-4-3. Water Quality Impact Assessment Components.

The Water Quality Impact Assessment shall:

(a) Display the boundaries of the RPA. The WQIA plan view on this sheet depicts the RPA line as delineated by the ALTA survey prepared by VIKA, Inc. The impervious area (existing and proposed) have been hatched up to the limits of the RPA.

(b) Display and describe the location and nature of the proposed encroachment into and/or impacts to the RPA, including any clearing, grading, impervious surfaces, structures, utilities, and sewage disposal systems

RPA Encroachment - There is existing parking areas within the RPA. The proposed RPA encroachment is limited to: removal of the existing impervious areas, such as the parking spaces, curbs, and asphalt; the construction of a ten foot wide asphalt trail traversing the site; and the construction of an emergency vehicle grasspave circle. There will also be necessary changes to utility connections to accommodate the demolition of the curbs. Modifications will also be made to Cameron Run to remove sediment build up and corrective measures made to the eroded areas of the banks of the streambed. The total disturbed area within the RPA is 16,762 s.f., of which, is mostly removal of existing impervious area. There will be minimal exposure of soil within the RPA.

Clearing & Grading - The entirety of the existing surface parking spaces within the RPA will be removed for the construction of the proposed asphalt trail and emergency vehicle grasspave circle. The total disturbed area within the

Impervious Surfaces - As shown on this sheet, the existing impervious area in the RPA is 16,060 s.f. The proposed modification includes the removal of a portion of the impervious area within the RPA. The total impervious area after all site modifications have been completed will be 3,819 s.f., resulting in a reduction of impervious area within the RPA of 12,241s.f.

Structure & Utilities - There are two existing storm sewer systems located within the RPA; one will be removed, and the other will remain. Neither outfall directly to the Cameron Run Floodplain. The storm structures do not consist of outlet structures and are therefore unable to have outlet protection measures. There are also existing overhead power lines located within the RPA that will remain.

Sewage Disposal Systems - There are no existing sewer lines located within the RPA of this site, nor will there be sewer

(c) Provide justification for the proposed encroachment into and/or impacts on the RPA; The proposed modifications within the limits of the RPA are an adjustment to the existing parking spaces in this area due to the requirements for the overall improvements with this site plan. The construction of the asphalt trail and emergency vehicle grass-pave area will take place in the cleared and graded area of the removed surface parking. Therefore, there will be no additional disturbance within the RPA for these installations. Furthermore, the proposed improvements associated with this plan decrease the impervious area within the RPA limits by 12,241 S.F. with the proposed improvements.

(d) Describe the extent and nature of any proposed disturbance or disruption of wetlands; There are no wetlands identified on the site, as such, there will be no disturbance to wetlands with the proposed demolition and construction mentioned in item (b).

(e) Display and discuss the type and location of proposed best management practices to mitigate the proposed RPA encroachment and/or adverse impact:

BMPs will be provided by onsite facilities to be constructed and location determined with the final site plan. Furthermore, new pervious areas will be re-vegetated to mitigate any proposed disturbance within the RPA limits.

(f) Demonstrate the extent to which the proposed activity will comply with all applicable performance criteria of this Chapter; The proposed removal of the existing surface parking spaces will be offset by an underground parking structure on the site which will provide adequate parking for the proposed building as required by the Fairfax County Public Facilities Manual. The proposed utility improvements on the site will address the infrastructure needs of the post-developed area to account for the changes to the existing utilities.

(g) Provide any other information deemed by the Director to be necessary to evaluate potential water quality impacts of the No additional information is available for submission; however, should the Director need any further data or exhibits, Urban Engineering will be happy to provide the documents.

S.W.M., B.M.P. AND OUTFALL NARRATIVE

THE SUBJECT SITE IS LOCATED ON TAX MAP 83-1-((1))-0034C. THE ENTIRE SITE IS LOCATED WITHIN THE CAMERON RUN WATERSHED. THE SUBJECT SITE IS ZONED I-5 PER THE FAIRFAX COUNTY ZONING ORDINANCE. WORK PROPOSED WITH THIS DEVELOPMENT PLAN PERTAINS TO THE REDEVELOPMENT OF THE ENTIRE SITE.

PER SECTION 6-401.2B OF THE PFM, SINCE THE ORIGINAL SITE WAS NOT SERVED BY ONE OR MORE BMPs, THE REQUIRED PHOSPHORUS REMOVAL IS BASED ON THE PRE AND POST DEVELOPMENT C FACTORS. BASED ON THE ANALYSIS OF THE PRE AND POST DEVELOPMENT C FACTORS, THE REQUIRED PHOSPHORUS REMOVAL IS 2.64%. PLEASE REFER TO THIS SHEET FOR THE REQUIRED PHOSPHORUS REMOVAL COMPUTATIONS. BMP FOR THE SITE HAS BEEN PROVIDED FOR THROUGH PROPOSED FILTERRAS AND A STORMCEPTOR. BMP COMPUTATIONS FOR THE SITE HAVE BEEN PROVIDED ON THIS SHEET ALONG WITH THE BMP TRACKING FORM.

DATE: 08/17/12 CLAYTON TOCK, P.E. ASSOCIATE

No net increase in impervious area therefore qualifies for 'Redevelopment' status.

QUALIFICATION FOR REDEVELOPMENT

Within the RPA: Pre Development Impervious Area = 0.37 ac. Post Development Impervious Area = 0.088 ac.

[1-0.9X("I"PRE/"I"POST)]X100 [1-0.9X(5.29/4.79)]X100 = 0.61%[("I" post - "I" pre)/"I" pre] x 100 = -76.21%

Remainder of Site: (outside of RPA) Pre Development Impervious Area = 4.92 ac. Post Development Impervious Area = 4.69 ac. [("I" post - "I" pre)/"I" pre] x 100 = -4.67%-4.67% < 20% therefore qualifies for 'Redevelopment' status.

BMP FACILITY DESIGN CALCULATIONS

Plan Name: 2550 Huntington Ave.

BMP REMVOVAL REQUIREMENT:

PER PFM SECTION 6-401.2B

I. WATER QUALITY NARRATIVE

SEE THIS SHEET

II. WATERSHED INFORMATION

Subarea Designation	"C"	Acres
(1)	(2)	(3)
1) TOTAL ONSITE UNCONTROLLED	0.85	
2) TOTAL ONSITE CONTROLLED (FILTERRA)	0.85	
3) TOTAL ONSITE CONTROLLED (STORMCEPTOR)	0.85	
	Total	

III a. PHOSPHORUS REMOVAL — "OCCOQUAN METHOD"

Part 2: Compute the Weighted Average "C" Factor for the Site

(a) <u>6.04</u> acres (A) Area of the Site

Subarea Designation	"c"		Acres		Product
(1)	(2)		(3)		(4)
(1) TOTAL ONSITE UNCONTROLLED	0.85	х	4.81	=	4.09
(2) TOTAL ONSITE CONTROLLED (FILTERRA)	0.85	х	0.52	=	0.45
(3) TOTAL ONSITE CONTROLLED (STORMCEPTOR)	0.85	x	0.70	=	0.60
		x		=	
		x		=	
		x		=	

(b) Total _____ 5.13

(C) Weighted average "C" factor

Subarea Designation	Removal		Area	·	"C"		
	Efficiency (%)		Ratio		Ratio		Product
(1)	(3)		(4)		(5)		(6)
) TOTAL ONSITE UNCONTROLLED	0	x	0.80	x	1.00	=	0.00
2) TOTAL ONSITE CONTROLLED (FILTERRA)	55	x	0.09	x	1.00	=	4.77
3) TOTAL ONSITE CONTROLLED (STORMCEPTOR)	15	x	0.12	x	1.00	=	1.74
		x		x		=	
		x		x		=	
		x		x		=	

(a) Total = <u>6.51</u>

(a) <u>0.40</u>

Part 4: Determine Compliance with Phosphorus Removal Requirement

Water Supply Overlay District 50% (Fairfax County and

50% (Prince William County)

Chesapeake Bay Preservation Area

 $[1 - 0.9 \times ("l" \text{ pre/"l" post})] \times 100 = 0.40 \%$

(B) If Line 3(a) > Line 4(a), the Phosphorus removal requirement is satisfied.

PHOSPHORUS REMOVAL REQUIREMENT IS SATISFIED

<u>LEGEND</u>

PRE-DEVELOPMENT

IMPERVIOUS AREA

POST-DEVELOPMENT

IMPERVIOUS AREA

SCALE: 1"=80'

SCALE: 1"=80'

EXISTING IMPERVIOUS AREA WITHIN RPA = 16,060 SQ. FT. OR 0.37 ACRES

EXISTING IMPERVIOUS AREA WITHIN RPA TO REMAIN = 3,819 SQ. FT. OR 0.088 ACRES (76.21% REDUCTION)

EXISTING IMPERVIOUS AREA OUTSIDE OF RPA = 214,465 SQ. FT. OR 4.92 ACRES

PROPOSED IMPERVIOUS AREA OUTSIDE OF RPA = 204,380 SQ. FT. OR 4.69 ACRES (4.67% REDUCTION)

 See PROFFERS dated
 10-4-2012

 Date of (BZA) (BOS)
 (PC) 11-20-2012

 Sheet 37 of 39

FDP Dev Conds dated <u>9-6-2012</u> PC Date <u>9-20-2012</u>

Line 3(a) 6.51 \Rightarrow 0.40

FILE No. RZ-12622

1 700

